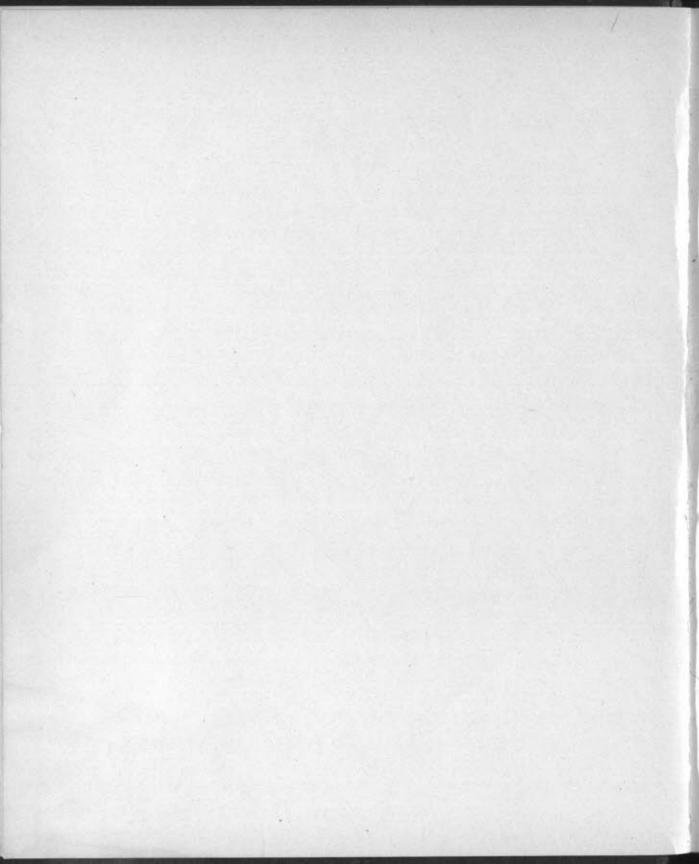


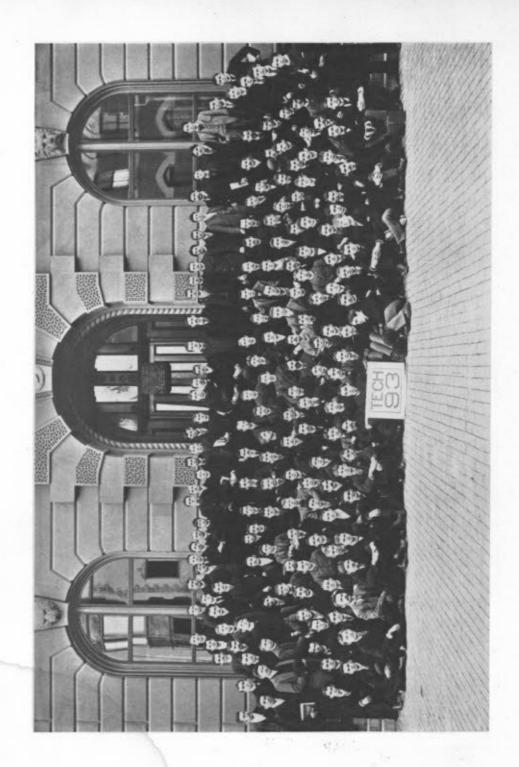
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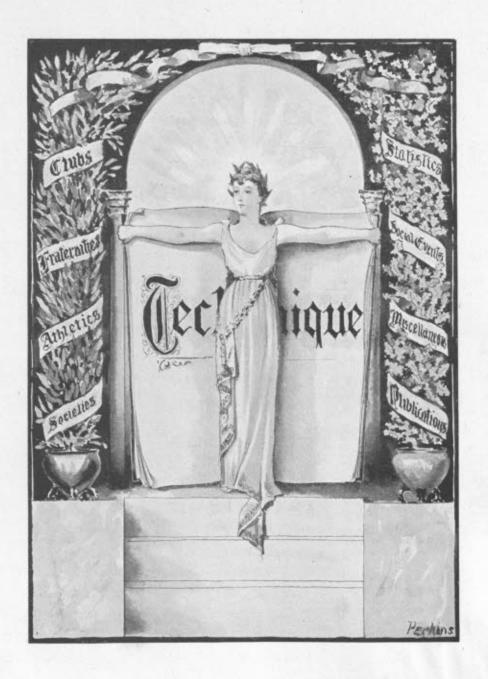


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CHARLES F. HOPEWELL.

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a Membership

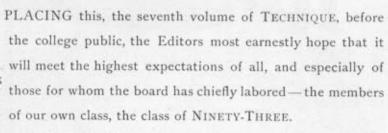
of over one thousand Students, we loyally

Dedicate

this, the Seventh Volume of

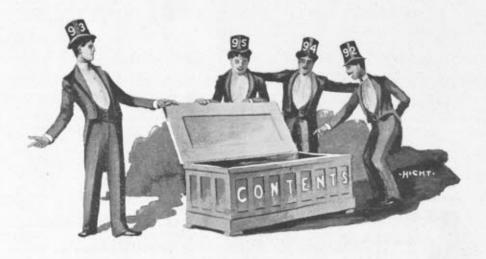
TECHNIQUE.

Editorial.



Without further comment on our work than a brief summary demands, we submit for criticism the product of our labors; asking only for fair treatment at your hands.

TECHNIQUE is the official organ of "Social Technology," and as such will be found complete, with its class-lists and its class-histories; with its lists of fraternities and local societies; with its "athletics" department and its miscellany;—a book of reference for succeeding ages of Tech. men.



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NOTE.-ABBREVIATIONS USED.

S. S. S. Sheffield Scientific School.

L. S. S. Lawrence Scientific School.

B. U. Boston University.

U. of - University of -

M. I. T. Massachusetts Institute of Technology.

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Class of Ninety-Two.

mell:

Rackety whack, go whack, go whack, Rackety whack, go whack, go whack, Rackety whack, go whack, go whack, Technology, Ninety-Two!

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Senior Soliloquy.



BOUT to step forth from the sheltering shadow of old Rogers Building—now grown a dear, familiar sight since, four years ago, we, a motley band of Freshmen, three hundred and twenty-two strong, first passed in between those classic portals—'92 now inscribes upon this page of the Book of Fame

the last record of the history of its youth.

And, as we look back down the slope of Progress upon that history, we behold a landscape, bright and fair, stretched out before us beneath the rays of the rising sun of our new life. There are a few dark patches here and there, but they count for little against the glittering background of the whole, and only serve to emphasize that which we have accomplished to be proud of.

The early doings that characterized our first three years have been ably recorded on former occasions, and we have but to supplement them with the list of our senior year.

Since '92, gathering from the four quarters of the globe, met once again in Boston in September, 1891, its members have spent most of their time in study, chiefly because actuated by a commendable desire to carry away a new and complete set of degrees. For this reason our cheer has been seldom given, so far. But friends and admirers will hear it ring out with old-time fervor on Class Day, when we gather on the plaza on Boylston Street to bid our Alma Mater a last and fond farewell.

Ninety-two has been stirred by many passions and emotions, and has been influenced for a time by the unscrupulous teachings of many, but all this has merely served to teach her to appreciate true worth, and her officers have been representative men from the first. A tribute to Mr. Kales would be a fitting valedictory, but we do not wish to usurp the sphere of the class-day historian and statistician.

No. The memento which '92 places between these pages is addressed to all Institute men who may seek inspiration or pleasure from Technique, and, in so doing, perchance pause here. To such we say,—Remember, that the ties of friendship that bind together the hearts of fellow-students are ties that strengthen from year to year until they become bonds no human force may sever; that the memories that grow up within you during the few short years of your college course are the sweetest memories that, in the future sorrows and joys of life, will ever rise before you, obedient to your retrospective will.

And out along the path of the advancing ages '92 sends a greeting to you, one and all, and bids you Hail and Farewell! Welcome to Technology, and God-speed!

As the poet tells us,-

"Threefold the stride of Time, from first to last!

Loitering slow, the FUTURE creepeth—

Arrow-swift, the PRESENT sweepeth—

And motionless forever stands the PAST."

And therefore, future sons of Technology, we conjure you, cultivate and cherish such friendships, and let no opportunity slip by to perpetuate the fame and honor of your Alma Mater, that your old age may be gladdened, and that your names may go down to posterity with those of the greatest of your predecessors, as worthy graduates of M. I. T., not only in the department of scholarship, but throughout the broad field of the aims and the purposes of college life!





Class of Ninety-Three.

mell:

Ha! Ha! Biz! Boom! Bah! M. I. T.! Ninety-Three! Rah! Rah! Rah!

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Junior Letter.



ORE than two short years of plane and sand-paper have safely passed away for all loyal members of the class of '93, and it is now in this, our junior year, that we are receiving inwardly, as well as outwardly, the true polish, the noble bearing, of the college man. Indeed, when still of a sophomore

nature, on a memorable day '93 was assembled *en masse* in a certain room in Rogers. There before us on the table was a gift to one who had made himself our friend. It was here that we were told, with far greater truth than the ancient oracle at Delphi ever spoke, how

'93 stood first in rank as a college class. The fact remains to-day, for hourly from that time has increased in our midst that healthy spirit of co-operation which is the making of a college class.

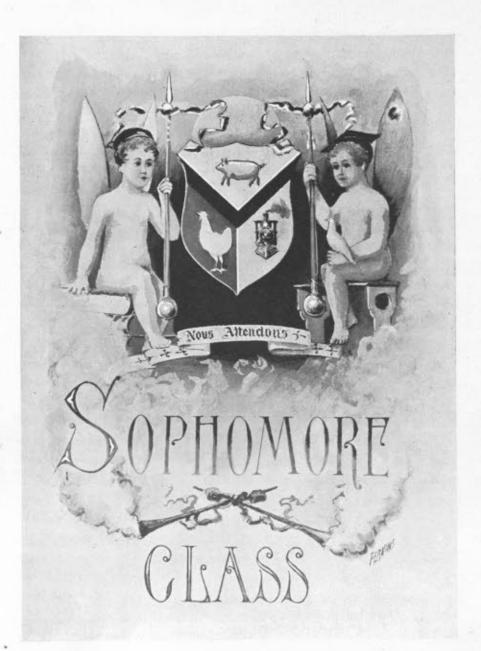
The most enviable position in all the Institute is now held by our legions. Neither are we so low in the classic scale that we may be looked down upon for our frivolities or our freshness; nor are we in that position where it soon becomes a necessity to move away, and to sever all the pleasant ties connecting us to our college life. Just now we calmly view from our auspicious station the noisy, still fresh Soph. as he engages in the turmoil, the trouble, and strife with those Freshmen who have not yet lost the touching innocence of their high school life. To what an enormous degree, by the way, must this same naïveté have existed last year in '94, or was it out of a reverence for us, that there appeared upon her class menu the colors of orange and black?

If the reader be quite conversant with the true relation between cause and effect, he will be much better able to comprehend the policy which '93 has followed in all her doings since first she entered Rogers, about two and a half years ago. It is quite unnecessary to repeat the portions of her history already recorded in the annuals of the last two years. They may be found there as interesting and as true as when they were first written. As members of a scientific college, we have thought best to cause all our actions and re-actions to be methodically carried out. This is especially applicable to our athletics. Our strength was not ill-used during the first two years. What strength we had, we have preserved, and greatly augmented. What needed prowess we did not have, we have acquired. If we have at times met with defeat, we do now but rejoice, for it is plainly seen how each defeat added strength and inspiration to our teams, until now in our junior year you see us,-first on the foot-ball field. first in the gym., and first in track athletics. What more could the athlete ask than to be a member of '93?

Thus the Junior finds himself, in the third year of his existence, still working away side by side with his fellow laborers, worn out with too much intellectual grinding, but nevertheless making the most of the few social advantages which this, his chosen college, allows him. Here he has made his special college mates, here indeed have been formed friendships and acquaintances which are to last him while he lives. Members of '93! Before seriously thinking of once more starting out to seek your fortunes (this time it is to be 'midst all the irresistible attractions of the world's fair), follow the request of an unknown friend. Make every effort to remain a united class as you have done in the past, and strive with all your power to receive your degree in eighteen hundred and ninety-three.

Teeming with the finest men,
Wide awake with sword and pen,
Is '93.
Something in the very name
Tells the e'er increasing fame
Of '93.
No mortal power could wrest from me
The reverence that I feel for thee,
Oh! '93.





Class of Ninety-Four.

mell:

'94 Rah! Rah!
'94 Rah! Rah!
Hoorah, Hoorah,
M. I. T., '94, Rah! Rah! Rah!

COLORS: GRAY AND BLUE.

Officers.

History of Ninety-Four.



INETY-FOUR sat by a bright fire warming himself, and gleefully he rubbed his great hands and piled on the logs as he thought of the successes he had achieved during the past year. What rare fun he had had with that other fellow, Ninety-three!

A merry giant was Ninety-four. His heart was as large as his hand, and no one ever accused him of meanness. But he could wield his club with dexterity, and this Ninety-three knew well.

As Ninety-four gazed into his fire, his eyes brightened, for pleasant scenes rose before him—scenes of fighting, cries of "Ninety-four!" accompanied by faint echoes of "Ninety-three!" But these

last never sounded long, and they gradually died away in the distance till, at length, all was silent. Then the flame shot up right merrily from the logs, and Ninety-four swung his club in the air, shouting:

"M. I. T., '94. Rah! rah! rah!"

But now the flame was gone — only a dull glow remained — and other visions appeared in the chimney. Now, Ninety-four was sitting in a bare room, on whose walls was a confused mass of black and white. Somebody was trying to see his "plane" profile in the middle of the mess, the shape of which was fa(u)nciful and grotesque.

In another part of the room, on a table, stood a vessel containing some liquid. A voice said, "We take and put some H₂S in the solution." Suddenly a thick yellow color filled the vessel, accompanied by a horrible smell; but the voice continued, "And immejetly down comes your crimson precipitate."

But again the scene changed, and now some one was murmuring spells and enchanted words:

- " Circumlocuperiphrasisredundanverbosity,
- " Pleonastautologysolezeugmaprolixity,
- "Thisissimplicity, clearness."

Ninety-four hated this magic. And why should he not? Had it ever benefited him?

At length these visions vanished, and instead came a pleasant feeling of relief, for Ninety-four had passed through all these terrors and was still hale and hearty. To be sure, he had not come through scathless—in fact, some of his "limbs" were badly damaged. Certain of them he had been forced to leave behind, though it pained him much. Others, indeed, remained only hanging by a thread. Ninety-four felt the shock of losing his members very much, at first, but he had not much time to think of them, for he had to work hard lest his whole body should join the list of the fallen. A busy man was Ninety-four!

The glow was brighter now, for Ninety-four was beginning to learn magic, too Not that he would practice it — oh, no! he left that for wizards — but it helped him to keep out of their traps. He now learned that a magic couple must have their arms the same length. Also he had encountered The Magic Hen. This was confined in a box, to which a wire was fastened. On striking the wire, the hen inside the box grunted. In Physics this noise is called "chirping."

But the fire-pictures left the haunts of magic, and the giant looked upon a busy street, thronged by many people. Soon there came along the road a youth, dressed in the costume of a clown. His clothing was of blue and yellow satin. One half was blue and the other yellow, which contrast is neat, not gaudy. In his hand he carried, wrapped in the same colors, the insignia of a fool. And a man who was passing was moved to ask him whether he was a court jester, or whether it was an initiation. But the young man replied, "These clothes are tokens of rejoicing, for in a struggle I have beaten Ninety-four with my club."

Then the stranger answered, "Who is this Ninety-four?"

And Ninety-five (for this was his name) replied, "He is a giant who carries a blue flag with his name on it, but my flag is yellow"

Then the stranger said, "Where is the prize of the fight?"

And Ninety-five answered cheerfully, "Ninety-four has it — 36 to o."

- "But where is the blue flag?" -- "Ninety-four has it."
- "And where is your flag?" "Ninety-four has it."
- "Then where?" ----

But as he thought of this, Ninety-four sprang to his feet, and the flame shot half-way up the chimney as, whirling his mighty club round his head, the giant roared:

"M. I. T. '94, Rah! rah! rah!"



Class of Ninety-Five.

Cheers.

Rah! Rah! Rah! Ree! Ree! Ree! '95! '95! M. I. T.! Rah! Rah! Rah! M. I. T.! Rah! Technology! X! C! V!

COLORS: BLUE AND GOLD.

Officers.

President,		+			54	1	1	34		10	-			GEORGE N. HAYDEN
Vice-Presia	leni	t,												SUMNER H. FOSTER.
Secretary,				*	4				T.		11			Andrew D. Fuller
														C. F. TILLINGHAST.
														E. H. HUXLEY.
Directors,		1		4.		7	3	,	15	1		2	3	N. C. Powers.
													j	F. W. FULLER.

History of Ninety-Five.



OUGH personally unknown to the larger part of my fellow-students, and though non-active as yet in class affairs, I am heart and soul a member of the Freshman Class, and from the very first have kept myself well informed on points of history and alive for the best interests of the class. Look, then, with me for a

moment upon what we have already done for the Institute and for ourselves since our arrival but a very short time ago. As is customary in such cases, the Sophs awoke us to class matters by calling our first meeting. Not needing any outside aid in the election of our officers, we deferred the election for a few days until we were able to issue to our own men tickets of admission to class meetings. Ingenuity and skill were thus the basis of our class organization.

We immediately saw the need of a Technology Orchestra, and without delay set about supplying one which should be a merit to the Institute. You all know how well we have succeeded, and how we have attracted sufficient attention from other classes to have them ask for permission to join us in making a great success of our scheme.

Of course, there are many who have been waiting to have me mention the annual Freshman-Sophomore foot-ball game. It is actually claimed by '94 that it took place this year on the South End grounds, one rather damp afternoon. We organized our team from our own ranks, and everything relating to the eleven, in so far as I could see, was carried out in a most systematic manner. We might have won the game had we cared to play on our team members of the 'Varsity eleven taken from the ranks of our friend the class of '93. But we played only our own men. It was, however, after the game that we had a chance to teach the over-confident Sophs the only way to hang together and to succeed as a class. The score of twenty-six to eight, the result of our efforts in the rush, is quite as large as is ever made in this part of the country.

The last thing which we shall be able to record in Technique this year, is also a success of a most brilliant character. While the class of '94 was telling what they were, and what they were going to do, '95 laid the foundations of an unprecedented Freshman score at the closed indoor winter meeting of the Athletic Club. We were second, with a score of twenty-four points; and where was '94? Probably at the Bijou; but it is hard to say, for six points tell but very little regarding the matter.

You have read what I have to say. It is simple and unpretentious, but nothing, if not true. You have seen how the Freshmen have shown originality, energy, and strength, of which any class might well be proud. Ever may these qualities stand by us; but whether or not they do, we shall all remain true to the class of '95.



Fraternities and Societies.



E WILL not here discuss the fraternity question, but merely call attention to the office and status of the Fraternity at the Institute, and state a few facts as an introduction to the following pages.

College men, to-day, realize more fully than ever before the benefits and value to be derived from a Fraternity life. Tech. men, from the nature of the Institute, need more opportunities than college men of coming in closer contact with their fellow students, and of knowing them more fully than through mere recitation-room acquaintance. This, then, is one function of the Fraternity at the Institute. That Tech. men have grasped the advantages thus offered is obviously shown by the steady increase in the number of Fraternity men.

According to the first number of TECHNIQUE, published in 1885, there were at the Institute but three Fraternities, with a total membership of thirty-eight. There were recorded in TECHNIQUE of 1890—'91 eight Fraternities, with a total membership of one hundred and nineteen. This year we find there are present nine Fraternities, with a total membership of one hundred and eighty-two. This is a gain of 53 per cent. over last year, or 379 per cent. gained over 1885. This may be remembered more easily by noting that of the whole number of men at the Institute five in every twenty-nine, or one to less than six, are Fraternity men.

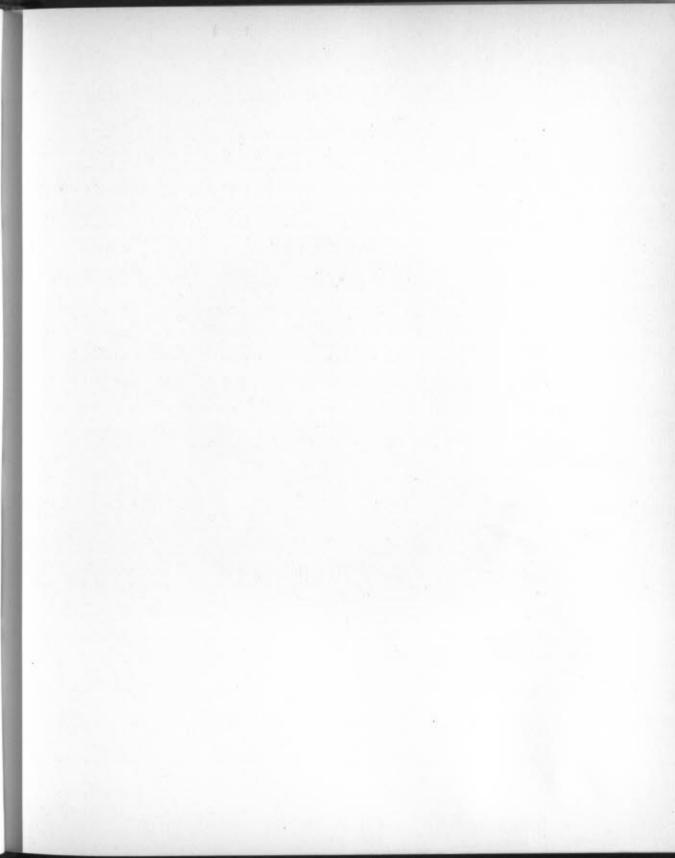
The presence of a larger number of local societies than ever before should be noted. Beside the professional and technical societies, these consist of social clubs, debating societies, dining clubs, and others, which are secret. All of these fill a demand among a certain class of students which is as important, in its way, as the place filled by the Fraternity. We may note that the membership in these societies, excepting the professional and technical ones, has nearly doubled in the last two years.

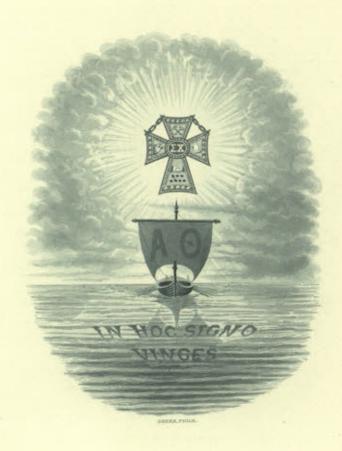
In conclusion, we have but little to say—the facts speak for themselves. Next year will in all probability see a still larger growth among both Fraternities and Societies. And let us not forget, in our zeal for individual interests, that we all are members of the same Institute, with common bonds of sympathy and joy, and that we should bear to one another that fraternal feeling to be found only among college men.



Sigma (hi.

1847.	Γ .	Ohio Wesleyan University,				Delaware, Ohio.
1857.	H.					Oxford, Miss.
1858.	1.	Indiana University,				Bloomington, Ind.
1859.	Ξ.	De Pauw University,				Greencastle, Ind.
1859.	0.	Dickinson College,				Carlisle, Penn.
1859.	Ψ.	University of Virginia,				Charlottesville, Va.
1863.	Θ.	Pennsylvania College,				Gettysburg, Penn.
1864.	K.	Bucknell University,				Lewisburg, Penn.
1866.	Z.	Washington and Lee University, .				Lexington, Va.
1866.	P.	Butler University,				Irvington, Ind.
1867.	M.	Denison University,				Granville, Ohio.
1860.	Ω .	Northwestern University,				Evanston, Ill.
1871.	X.	Hanover College,				Hanover, Ind.
1872.	T.	Roanoke College,				Salem, Va.
1872.	Σ. Σ.	Hampden-Sydney College,				Farmville, Va.
1873.	B.	University of Wooster,				Wooster, Ohio.
1874.	Γ , Γ ,	Randolph-Macom College,				Ashland, Va.
1874.	4. 4.	Purdue University				Lafayette, Ind.
1876.	Z. Z.	Centre College,				Danville, Ky.
1876.	I. I.	University of Alabama,				Tuscaloosa, Ala.
1877.	Θ, Θ.	University of Michigan,				Ann Arbor, Mich.
1880.	4. X.	Wabash College,				Crawfordville, Md.
1882.	Z. ().	University of Cincinnati,				Cincinnati, Ohio.
1882.	A. Γ.	Ohio State University,			8	Columbus, Ohio.
1882.	A. Z.	Beloit College,				Beloit, Wis.
1882.	A. O.	Massachusetts Institute of Technolog				Boston, Mass.
1883.	1. 4.	Stevens Institute of Technology,				Hoboken, N. J.
1883.	A. E.	University of Nebraska,				Lincoln, Neb.
1883.	A. I.	Illinois Wesleyan University,				Bloomington, Ill.
1883.	A. A.	Wisconsin State University,				Madison, Wis.
1884.	A. Z.	University of Kansas,				Lawrence, Kan.
1884.	A. N.					Austin, Texas.
1886.	A. O.	Tulane University,				New Orleans, La.
1886.	A. II.	Albion College,				Albion, Mich.
1886.	A B.	University of California,				Berkeley, Cal.
1886.	A. P.	Lehigh University,				Bethlehem, Penn.
1888.	A E.	University of Minnesota,				Minneapolis, Minn.
1889	A. T.	University of North Carolina,				Chapel Hill, N. C.
188g.	A. T.	University of Southern California,				Los Angeles, Cal.
1800.	Α. Φ.	Cornell University,				Ithaca, N. Y.





Sigma (hi.

ALPHA THETA CHAPTER.

ESTABLISHED MARCH 22, 1882.

Active Members.

EDMUND LATHROP ANDREWS. CHARLES ROYCE BOSS. GEORGE RICHARDSON BEARDSELL, IR., CHARLES HENRY MUHLENBERG. CHARLES PERKINS COGSWELL, JR., JOHN ANDREW CURTIN, WILLIAM WORCESTER CUTLER, Myron Hubbard Hunt, JAMES HUMPHREYS, WILLIAM ROBERT KALES, CHARLES REAY KNAPP,

CHARLES EASTMAN LOCKWOOD, WALLACE EUGENE McCAW, JAMES SCOTT PARRISH, JOHN SHELLEY PECHIN. FRANK FERGUSON PHINNEY. WALTER HERBERT VORCE, MURRAY WARNER. JOHN STAFFORD WHITE. EDWARD PAYSON WHITMAN,

HARRY NYE WILLIAMS.

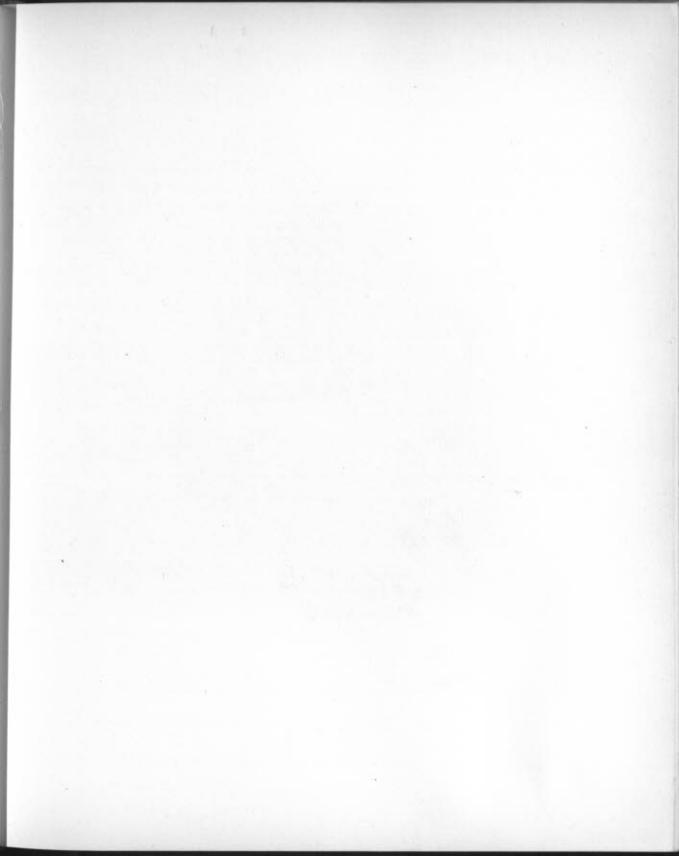
Fratres in Arbe.

A. F. BARDWELL. H. T. BARDWELL, J. A. HIGHLANDS,

W. H. MERRILL, JR., F. L. PIERCE, THEODORE STEBBINS.

Theta Xi.

A.	Rensselaer Polytechnic Institute, .		5.0						Troy, N. Y.
	Yale College,								
Γ.	Stevens Institute of Technology, .	í	10	-	ä				Hoboken, N. J.
1	Massachusetts Institute of Technology	, ·					20		Boston, Mass.





Decka, Phila

Theta Xi.

DELTA CHAPTER.

Active Members.

ALBERT FARWELL BEMIS,
JOHN CLIFFORD BROWN,
CHARLES EGMONT BUCHHOLZ,
THOMAS IRVIN CHAPMAN,
ALBERT PERCIVAL HALL,
FREDERICK HOPPIN HOWLAND,
FREDERIC WAIT LORD,
HENRY ADAMS MORSS,
ALBERT BRONSON PAYNE, JR.,
EDWARD BRYANT RANDALL,

JAMES HENRY REED,
ARTHUR BISHOP SHEPARD,
FRANK SOLON VAIL SIAS,
WILLARD FLOYD SPALDING,
STANSBURY SUTTON,
JOHN WATSON TARBOX,
WALTER BACON TROWBRIDGE,
RIGBY WASON,
WALTER SHERMAN WHITING,
FRANKLIN WHITNEY DOLIBER.

In Arbe.

ARTHUR HUMPHREYS ALLEY,
ALFRED MILLARD BLEIM,
EDWARD LYMAN BROWN,
HARRY ELLSWORTH CLIFFORD,
MORTON EDDY COBB,
HENRY JOHN CONANT,
GEORGE OTIS DRAPER,
NATHAN DURFEE.

HORACE SOUTHWORTH FRAZER,
HAROLD GORDON GROSS,
CHARLES HAYDEN,
MORRIS LEIDY JOHNSTON,
WILLIAM ELTON MOTT,
HERBERT STURGIS POTTER,
TIMOTHY WILSON SPRAGUE,
HARRY HAYWARD YOUNG.

Fraternity of Phi Gamma Delta.

FOUNDED 1848. + + ROLL OF CHAPTERS.

```
Washington and Jefferson College.
1848.
             E. University of North Carolina.
1851.
         O. University of Virginia.
H. Marietta College.
Z. A. Washington Lee University.
A. De Pauw University.
1853.
1855.
1855.
1856.
            N. Bethel College.

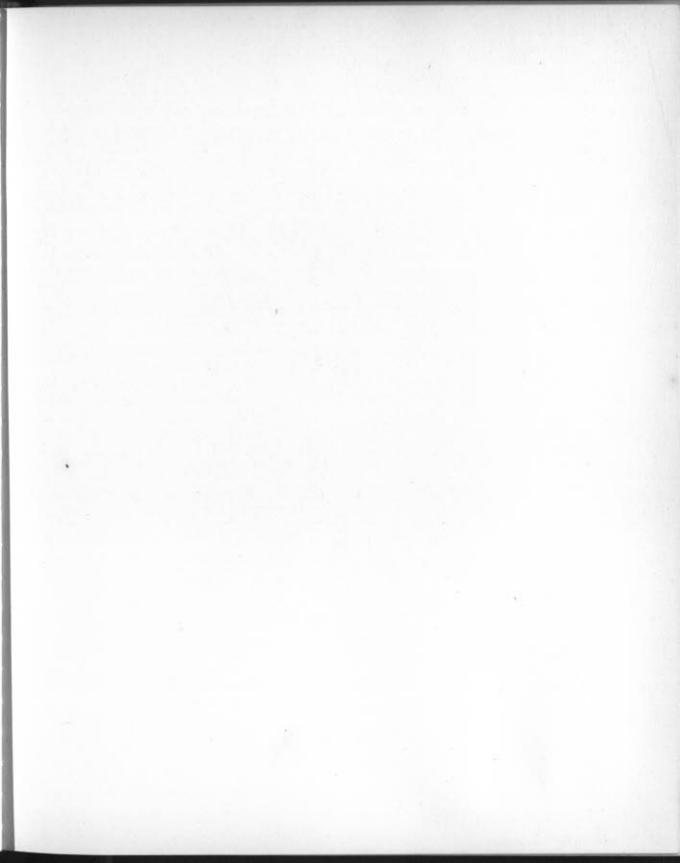
E. Pennsylvania College.
1856.
1858.
           П. Allegheny College.
Т. Hanover College.
Т. College of the City of New York.
Ψ. Wabash College.
1860.
1864
1865.
1866.
            Ω. Columbia College.
1866,
1866. A. A. Illinois Wesleyan University.
         B A. Hampden-Sidney College.
1866.

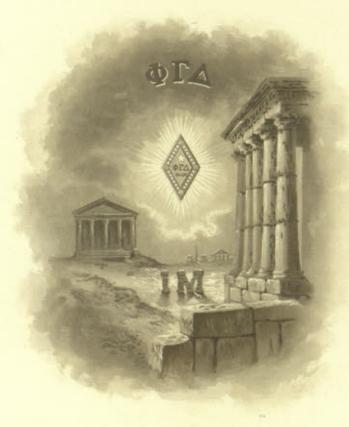
        Γ Δ. Knox College.
        Ε. Δ. Muhlenburg College.
        Θ Δ. Ohio Wesleyan University.

1867
1867.
186g.
          A A. Roanoke College.
1870.
             Z. Indiana State University.
1871.
         N A. Yale University.
1875.
          O. A. Ohio State University.
1878.
                   University of Pennsylvania,
Wooster University.
              B
1881.
             1.
1882.
                   Bucknell University.
1882.
          1 E.
                  University of California.
1882.
         II. A. University of Kansas.
1882.
         Σ Δ. Lafayette College.
1883.

    Wittenberg College.
    A Φ University of Michigan.
    Δ Denison University.

1884.
1885.
         Δ Δ.
Z Φ.
1885.
                  Wm. Jewell College.
1886.
1887.
         B. X. Lehigh University.
         O W. Colgate University.
1887.
         \Gamma \Phi
                   Pennsylvania State College.
1888.
         K.
1888.
             N.
                   Cornell University.
                   Mass. Institute of Technology.
             M.
1889.
          1
         P.X.
                   Richmond College.
1889.
1890.
         M \ge
                   University of Minnesota.
         K T.
                   University of Tennessee.
18q0.
        B M. Johns Hopkins University.
1891.
                   Worcester Polytechnic Institute.
1891.
          \Pi I
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Jiroha Phila

Phi Gamma Delta Fraternity.

IOTA MU CHAPTER. + + ESTABLISHED MARCH 25, 1889.

fratres in Universitate.

HERBERT ARMSTRONG,
ALBERT LEE GOETZMANN,
ALBERT SAMUEL HEYWOOD,
PRESCOTT ANDREWS HOPKINS,
ELMER PHILIP KRAFT,
HARRY NELSON LATEY,
EDWARD LEBER.

ELISHA LEE, JR.,
CLEMENT MARCH,
HARRY CHARLES PARKES.
HARRY MILO PHILLIPS,
JAMES RAMSEY SPEER,
RUSSELL STURGIS, 2D,
FREDERICK CHARLES SUTTER.

fratres in Arbe.

H. P. Bellows,

H. A. BENEDICT.

R. C. H. COTTERALL,

G. H. COFFIN.

W. N. COTTRELL,

C. E. Dobbin,

G. K. HARRISON,

C. F. LEE.

J. R. LOVEJOY,

S. S. MARQUIS,

H. S. NEWTON,

L. C. Poehler,

E. E. PROPER,

A. L. ROHRER,

J. L. Scott,

F. H. STARKEY,

C. STEVENSON,

H L. WARDNER,

WAYNE WHIPPLE.

Delta Tau Delta.

FOUNDED 1859, + + ROLL OF CHAPTERS.

DIVISION OF THE EAST.

A.	Alleghany College,					
Γ .	Washington and Jefferson College,					Washington, Penn.
Θ.	Bethany College,	-				Bethany, W. Va.
N.	Lafayette College,			1	1.	Easton, Penn.
P.	Stevens Institute of Technology, .		4			Hoboken, N. J.
T.	Franklin and Marshall College, .					Lancaster, Penn.
r	Rensselaer Polytechnic Institute, .					
	Lehigh University,					
B. N.	Massachusetts Institute Technology					
B. M.	Tufts College,					
B. Z.	Boston University,					
B. O.						

DIVISION OF THE NORTH.

4.	University of Mi	chig	an,				30		4		Ann Arbor, Mich.
E.	Albion College, .							+ -		- 4	Albion, Mich.
K.	Hillsdale College,						1				Hillsdale, Mich.
I.	Michigan Agricus	ture	110	oll	lege.						Agricultural College, Mich.
M.	Ohio Wesleyan U	mive	rsi	tv.							Delaware, Ohio.
yr	Wooster Universi	tv.									Wooster, Ohio
X	Kenyon College,										Gambier, Ohio.
H	Buchtel College,										Akron, Ohio.
Z	Adelbert College,	0.1									Cleveland, Ohio.
	Ohio University,										
Φ	Hanover College.						- 23		- 33		Hanover, Ohio.
B A	Indiana Universi	tv.									Bioomington, Ind.
B	De Paum Univer	rite				- 6					Greencastle, Ind.
B. Z.	Butler University								-		Irvington, Ind.
		100									

DIVISION OF THE WEST.

O.	University of Iowa,							Iowa City, Iowa.
Ξ.	Simpson College,	-		100	4	+		Indianola, Iowa
Ω.	Iowa State College,							Ames, Iowa.
	University of Colorado, .							Boulder, Col.
B. H.	University of Minnesota,		9				-	Minneapolis, Minn.

DIVISION OF THE SOUTH.

1.	Vanderbilt University, .		69	1	9		20	340		Nashville, Tenn.
17.	University of Mississippi,	-					2		1	University of Mississippi, Miss.
B. 4.	University of Georgia, .				1	-	+		34	Athens, Ga.
	Emory College,									
$B, \Theta,$	University of the South.	34	198	4	4			,		Sewanee, Tenn.
B, Ξ	Tulane University,	- 2			4					New Orleans, La.
B, I,	University of Virginia,				4		4		+	Charlottesville, Va.



Droke Phile

Delta Tau Delta Fraternity.

BETA NU CHAPTER.

ESTABLISHED MAY, 1889.

Active Members.

HENRY RENSSAELAER BATCHELLER,
ARTHUR GIBSON BIXBY,
JULIUS GRAY ESTEY,
EDWARD PADDINGTON GILL,
MILES PARK HARDOW,
PETER EDWARD HELLWEGE,
CHARLES HARMONY JOHNSON,

John Peter Labouisse,
RITTENHOUSE RANDOLPH MOORE,
EDWARD PAGE, JR.,
STEVENS HAINES PLUM,
LEE MAHON RANEY,
FREDERICK POND SIMONDS,
ARTHUR BLAKELEY SMITH.

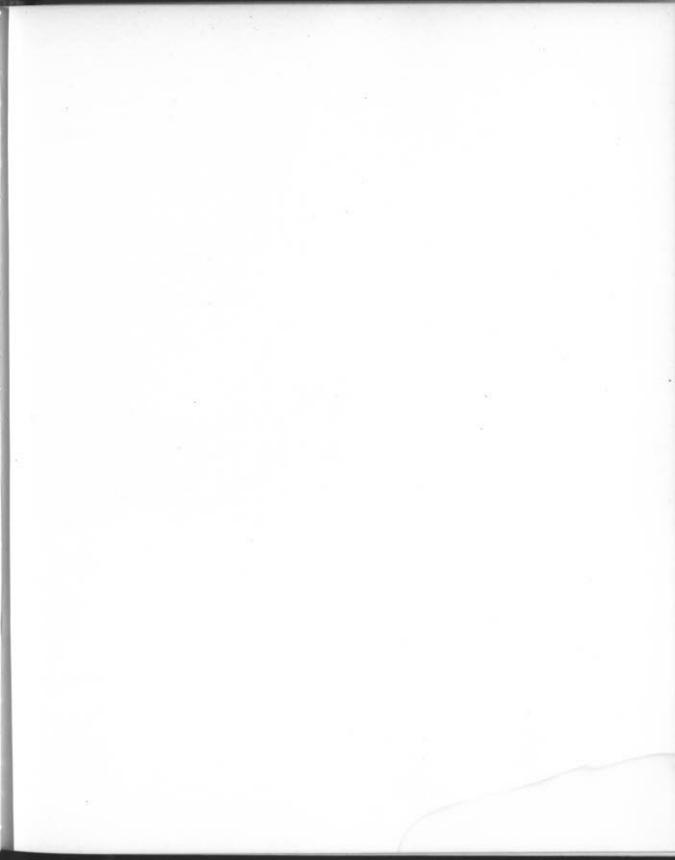
fratres in Urbe.

GEORGE WILLIAM BRYDEN, JEREMIAH CAMPBELL, LYMAN A. FORD,
HENRY B. PENNELL,

CLIFFORD MOLINEAUX TYLER.

Delta Psi.

A.	Columbia College,					*	,	×					New York City.
4	University of Pennsylvania,			26				4	w.	7			Philadelphia, Pa.
E.	Trinity College,												Hartford, Conn.
	University of Rochester, .												
1.	Williams College,	,						-					Williamstown, Mass
	University of Mississippi,												
r.	University of Virginia, .			7.5									Charlotteville, Va.
	Sheffield Scientific School,												
T.	Massachusetts Institute of T	'eci	ino	log	ν,		×.	9	7			i q	Boston, Mass.





Delta Psi.

TAU CHAPTER.

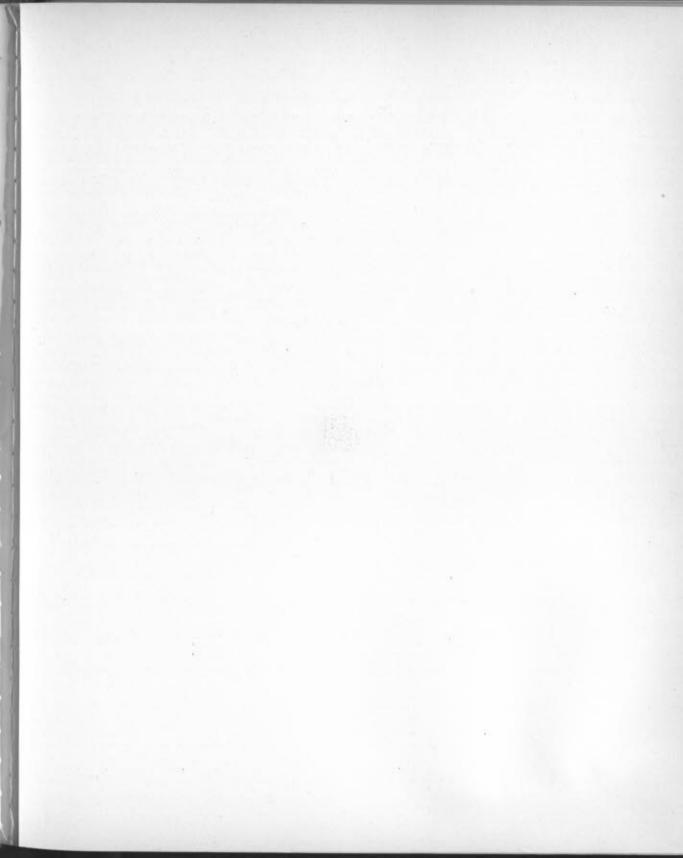
WILLIAM LINCOLN HARRIS,
ALLEN FRENCH,
ROY HAMILTON BEATTIE,
GEORGE KNIGHT DEARBORN,
FRANCIS WRIGHT FABYAN,
MARVINE GORHAM,
FREDERIC TALLMADGE TOWNE,
EDWARD DUTTON CLARKE,
FRANCIS CUSHING GREEN,
LEWIS STONE GREENLEAF,

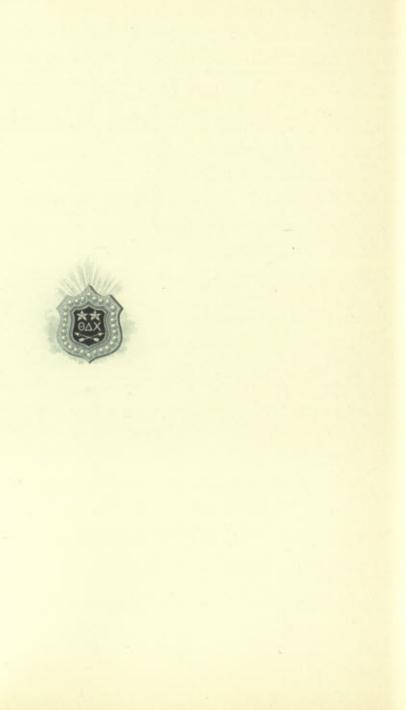
BEN EDWIN HOLDEN,
FRANK HOWELL HOLDEN,
WILLIAM CREIGHTON PEET,
JOHN CONYNGHAM STEVENS,
JOHN PATTEN STORY, JR.,
WILLIAM JENNINGS BATCHELDER,
CHARLES WILLARD BIGELOW,
FRANCIS HIGHLANDS BURNS,
JAMES BARNES HUMPHREYS,
WILLIAM POWELL ROBBINS.

Theta Delta Chi.

CHARGE ROLL.

B.	Cornell University,	27		4	1						O.		Ithaca, N. Y.
T 4.	University of Michigan, .					34		1			0.9		Ann Arbor, Mich.
Δ	Rensselaer Polytechnic Insti	tute	,	,						4			Troy, N. Y.
$E \circ .$	Sheffield Scientific School,					,							New Haven, Conn.
Z.	Brown University,												Providence, R. I.
H.	Bowdoin College,								18	134		3	Brunswick, Me.
I $^{\wedge}$.	Williams College,												Williamstown, Mass.
K.	Tuft's College,	10			1			1	2				College Hill, Mass.
1.	Boston University,	6	100				,						Boston, Mass.
0 0.	Dartmouth College,												Hanover, N. H.
Θ.	Kenyon College,												Gambier, Ohio.
Ma.													Amherst, Mass.
Ψ,	Hamilton College,												
No.	Lehigh University,												
Πa.	College of the City of New												
Φ .	Lafayette College,												
Θ4.	Massachusetts Institute of												
Ξ.	Hobart College,												
Σ.	Dickinson College,												
P_{\triangle}	Columbia College,												





Theta Delta Chi.

THETA DEUTERON CHARGE.

Members.

RICHARD CLOUGH ANDERSON,
JAMES WILSON PIERCE,
HORACE HAYDEN ENSWORTH,
HAMILTON RICE,
JAMES FRANCIS WHITE,
SAMUEL PETERS BLANC,
THOMAS HAROLD CREDEN,
HENRY CHESTER DRESSER,
GEORGE BERTON HAWLEY,
HERBERT STANLEY MILLER,

Parker Hastings Wilder,
Francis Cobb Norton,
George Frink Dana,
William Seth Resor,
Walter Crosswell Daggett,
William Curtis Capron,
Clarence Edgar Whitney,
George Baker,
Phillip Herbert Withington,
William Hurst Greenfield,

FREDERIC IVES WARREN.

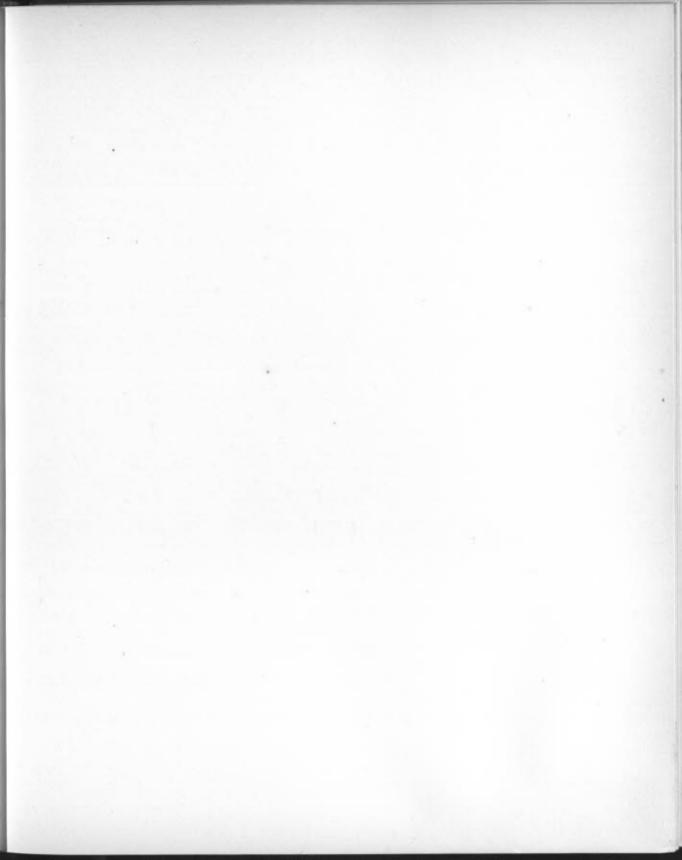
Chi Phi.

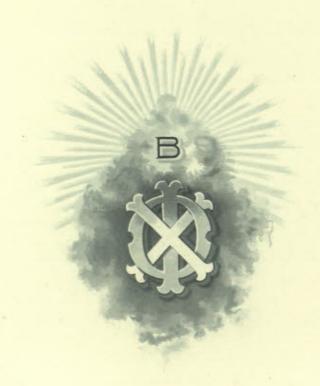
FOUNDED 1824. + + ROLL OF CHAPTERS.

A.	University of Virginia,	0.00						2.	10	150		Charlottesville, Va.
B.	Massachusetts Institute of Technolog											Boston, Mass.
Γ.	Emory College,					*		*	40			Oxford, Ga.
E.	Hampden-Sidney College,											Hampden-Sidney, Va.
Z.	Franklin and Marshall College, .					1		10				Lancaster, Pa.
H	University of Georgia,					÷						Athens, Ga.
Θ.	Rensselaer Polytechnic Institute, .		2									Troy, N. Y.
I,	Ohio State University,					÷				,	20	Columbus, O.
K.	Brown University,			3		÷	ï	2	2			Providence, R. I.
1	University of California,											Berkeley, Cal.
M.												Hoboken, N. J.
Ξ.	Cornell University											Ithaca, N. Y.
0.	Sheffield Scientific School, Yale Col											New Haven, Conn.
II.	Vanderbilt University,											Nashville, Tenn.
P.	Lafayette College,								>0			Easton, Pa.
Σ.	Wofford College,					×.						Spartanburg, S. C.
T.	University of South Carolina,				,		16.			÷		Columbia, S. C.
Φ .	Amherst College,				i.	*		,			4	Amherst, Mass.
X.	Ohio Wesleyan University,			2		Q.	-	÷				Delaware, O.
Ψ.	Lehigh University,											
Ω .												

ALUMNI CHAPTERS.

Aleph,	 	Baltimore,	Md.	Bath,	New York City.
	Va	и,		. Washington, D. C.	





Dreka Phila.

Chi Phi.

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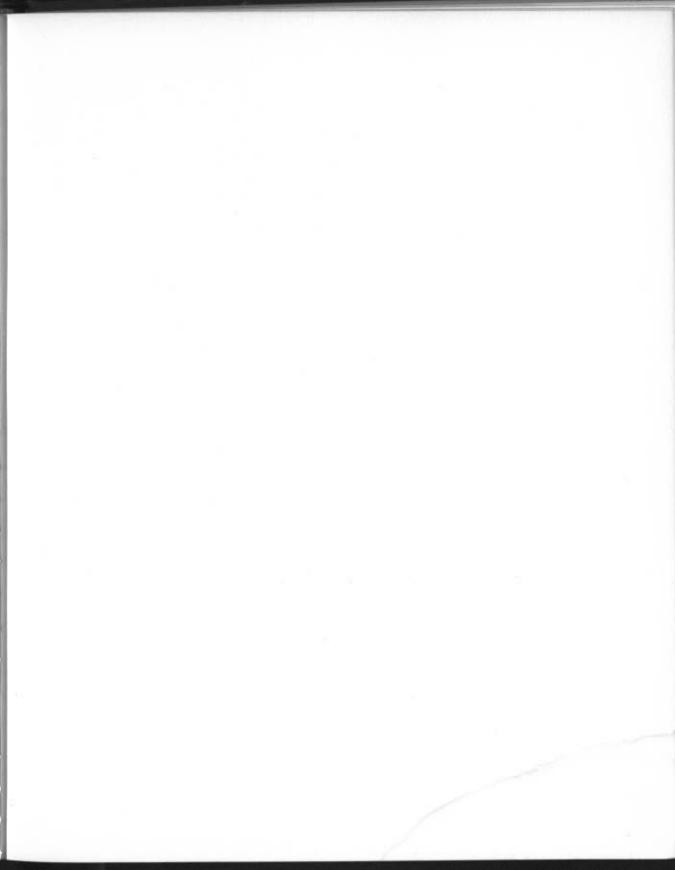
Ross Francis Tucker, Leslie Dana, SAMUEL HUGH BROCKUNIER, RICHARD EARLE MESERVE, WILLIAM HARTLEY DENNETT, AMASA WALKER, WILLIAM E. DAVIS, LUTHER ROBERTS NASH, ARMAND DAVID KOCH. JOHN JAMES HOLLISTER, HENRY EDWARD MANSFIELD ALEXANDER, DUANE LEROI BLISS, CHARLES WILLIAM DICKEY, FRANK IRVIN DAVIS, HARRY ALEXANDER BALDWIN, HENRY MORGAN APPLETON, WALTER DANFORTH BLISS, HARRY SARGENT GILMAN.

fratres in Urbe.

Frederick Hill Meserve, Lewis Augustus Dunham,
Leonard Chase Wason.

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Phi,	20		Ç.		Ŷ.	Yale University,
Theta,	-	-				Bowdoin College,
Xi,						Colby University,
Sigma,					1	Amherst College, ,
Upsilon, .			1			Brown University,
Chi,			14			University of Mississippi, 1850
Beta,						University of North Carolina,
Eta,			1			University of Virginia,
Карра,			3	12		Miami University,
Lambda, .			79			Kenyon College,
Pi,						Dartmouth College,
Iota,		2	3			Central University of Kentucky, 1854
Alpha Alpha,			3			Middlebury College,
Omicron, .						University of Michigan,
Epsilon, .						Williams' College,
Rho,						Lafayette College,
Tau,		20			-	Hamilton College,
Mu,						Colgate College,
Nu,						College of the City of New York,
Beta Phi, .	16			1		University of Rochester,
Phi Chi,						Rutgers College,
Psi Chi,						Indiana Asbury University,
Gamma Phi,						Wesleyan University, 1867
Psi Omega,						Rensselaer Polytechnic, 1867
Beta Chi, .					14	Adelbert College, 1868
Delta Chi, .		***				Cornell University,
Phi Gamma,		3				Syracuse University,
Gamma Beta,						Columbia College,
Theta Zeta,						University of California,
						Trinity College,
					0	Vanderbilt University,
Phi Epsilon,					0.0	University of Minnesota,
Sigma Tau,					2.2	Massachusetts Institute of Technology, 1890
0		7		-		









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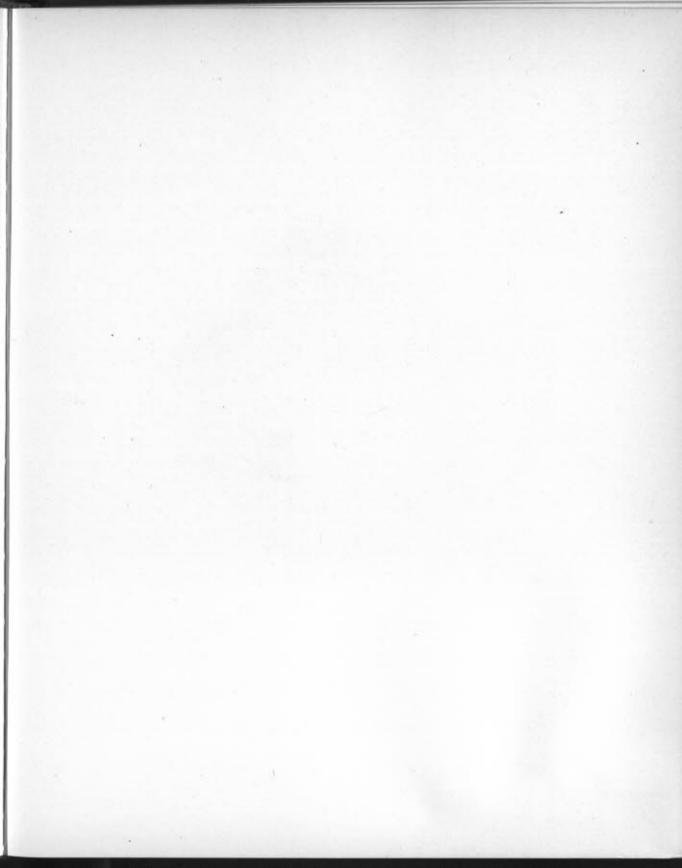
THOMAS PELHAM CURTIS,

HENRY JUDSON SAGE.

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																	100
1834,		100							Williams, .								Williamstown, Mass.
1838,			٠		v				Union,								Schenectady, N. Y.
1847,		200							Hamilton,								Clinton, N. Y.
1847,		100		÷			-		Amherst,						*		Amherst, Mass.
1847,		20		4				4	Adelbert,					+			Cleveland, Ohio.
1852,	Ţ.			1		Ÿ			Colby,				×				Waterville, Me.
1852,							4		Rochester,		35				,	7	Rochester, N. Y.
1856,		8							Middlebury, .						2	0	Middlebury, Vt.
1858,	4								Rulgers,	8		Ú.	7		2		New Brunswick, N. J.
1860,									Brown,								Providence, R. I.
1865.									Colgate,				,	,			Hamilton, N. Y.
1865.	+								New York,								New York, N. Y.
1869,									Cornell,					*			Ithaca, N. Y.
1870.	91			4					Marietta,								Marietta, Ohio.
1873.									Syracuse,								Syracuse, N. Y.
1876,						-			Michigan,								Ann Arbor, Mich.
1880,									Northwestern,								Evanston, Ill.
1880.							V		Harvard,	130							Cambridge, Mass.
1885.									Wisconsin,			8	4				Madison, Wis.
1885,	- 33	**							La fayette, .			4					Easton, Penn.
1885,	40	100						#3	Columbia, .							4.	New York, N. Y.
1885.								4	Lehigh,					,			Bethlehem, Penn.
1886.		***			100		v	× 1	Tufts,			4	1.0		*		College Hill, Mass.
1887.								7	De Pauw, .							100	Greencastle, Ind.
1888.								- C)	Pennsylvania,						¥		Philadelphia, Penn.
1890,					1											100	Minneapolis, Minn.
									Technology, .								Boston, Mass.
4.4									***								





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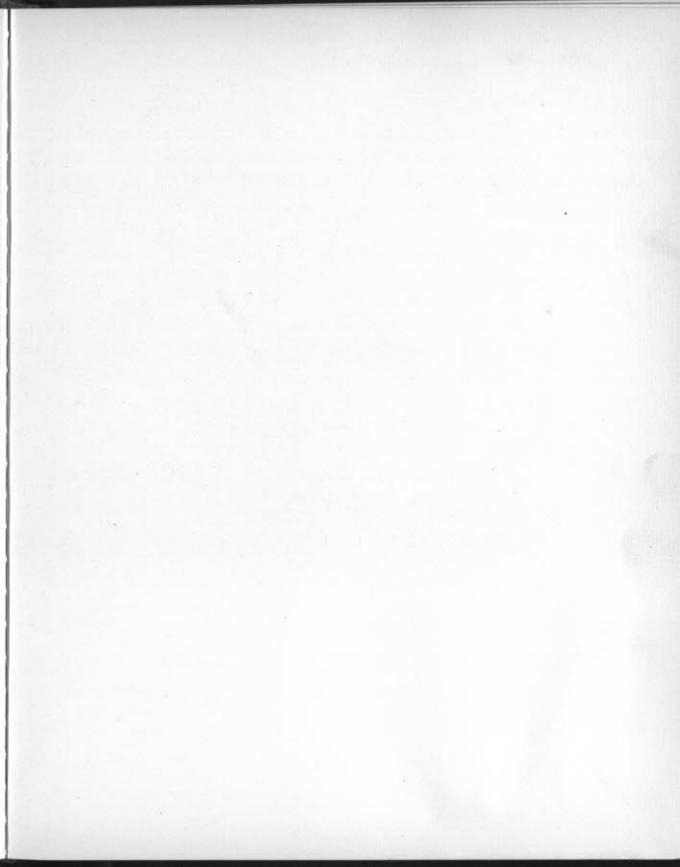
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DUDLEY CHASE CHAFFEE,
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LOUIS DERR,
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JOHN WOOD LOGAN,
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FRANK CUMMINGS SHEPHERD,
RALPH HAYES SWEETSER,
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PERCY HOLBROOK THOMAS,
JOSEPH EARLSTON THROPP, JR.
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HARRY STORRS WEBB,
EDWARD CASTLE WELLS,
JAMES RUSSELL WELLS,
WILLIAM CORTELYON WHISTON,
KENNETH FOSTER WOOD,
FRANK YOERG,
HENRY YOERG.

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LOCAL AT THE INSTITUTE.





Deeka, Phila.

Phi Beta Epsilon.

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In Urbe.

WALTER EDWIN HOPTON,

JOHN GIFFORD THOMPSON.

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J. L. Nisbet,		16	19			6					University of Virginia.
A. C. Thomas, .		1.5	15					4			Miami University.
											Brown University.
					DE	LI	ГА	P	Н	,	
H. A. RICHMOND,		Ž,	j.	4	×		٠	70			Sheffield Scientific, Yale.
					(Н		PS	1.		
E. C. BRYANT, .		3			57					Œ.	Middlebury College, Vt.
				P	SI	U	PS	SIL	.0	Ν.	
WILLIAM ESTY, .		7	132		34	18		23	ř	٠	Amherst College.
			PH	1	DI	ΕL	ТА		ГΗ	E.	т А.
HERBERT LEWIS,	20						*	*	A	mh	erst College.
G. L. WALKER,		i.	Ä		2.4		ě	¥)	C	olle	ege of the City of New York
				K	ΑP	PA	. ,	A L	Ph	ŀΑ	.
W. H. GRAVES,			26	1.7	(3)	*:	100	76	*)	÷	Cornell University.
	,	SI	G M	Α	Α	LP	Н	A	EF	s	ILON.
W. M. SACKETT,	4	100	1.0	1.5	107		10	*1			Alleghany College.
			1	PH	1	KA	P	PA	F	s	l.
											M 1 1 0 11

Summary of Greek Letter Fraternities.

Sigma (Сні,				10	*	*		*					6	*	*	*		21	Members.
Тнета	Χı,									٠		00				×			19	"
Рні Са	мма	DE	LTA	٠,	ĸ.	e.	4				¥				,	÷			14	"
DELTA	TAU	DE	LT	١,		1	7	¥	×				2	į.					14	**
DELTA	Psi,							×	8		1			v		·	÷		20	"
Тнета	DELT	A (Сні	,	,		15				į.								12	**
Сні Рн	Ι, .				5				3.5		83					, to	÷	÷	18	**
DELTA	Карр	A I	Eps	ILO	N,										85			*	27	**
DELTA	UPSII	ON		0	*		×	4						A)		٠	×		28	**
OTHER	FRAT	ER	NIT	ES	R	EP)	RES	EN	TE	D,				ě.	¥:	×	×		11	"
То	tal,	100																	184	"

Fraternity Conventions.

PHI GAMMA DELTA,			Pittsburg, Pa., October 29–30, 1891.
DELTA TAU DELTA,			. Cleveland, Ohio, August 28-29, 1891.
THETA DELTA CHI,	0.53		New York City, November 19-20, 1891.
Сні Рні, , , , , , ,		*	. Atlanta, Ga., November 12-13, 1891.
DELTA KAPPA EPSILON,			Cleveland, Ohio, November 12-13, 1891.
DELTA UPSILON,	Ca	aml	oridge, Mass., November 11, 12, 13, 1891.



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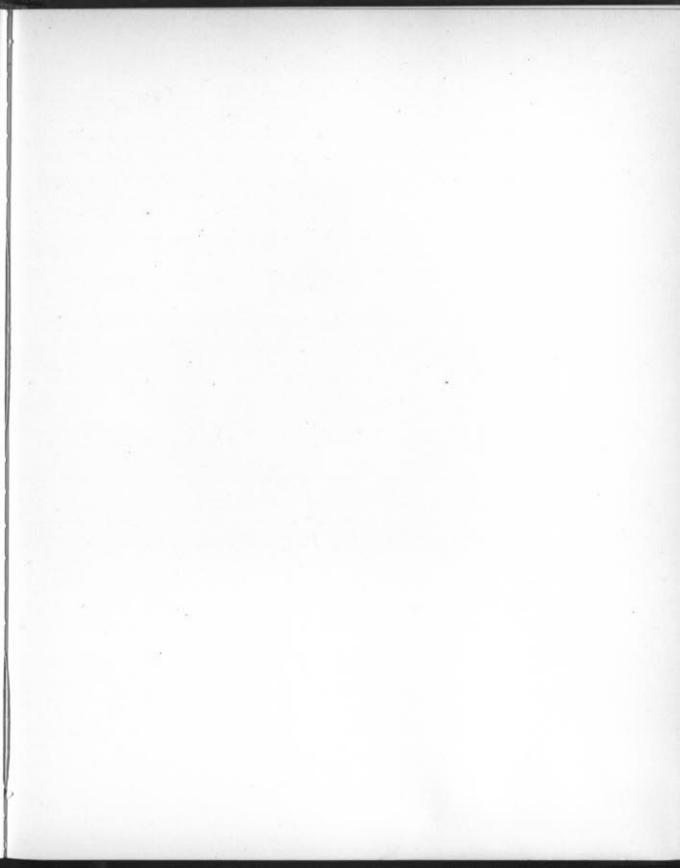
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ALBERT BRONSON PAYNE, JR. JOHN ROBERT STEVENSON, WILLIAM HASKINS, S. R. BARTLETT,

N. A. STEWART.





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W. B. Douglas, '91,

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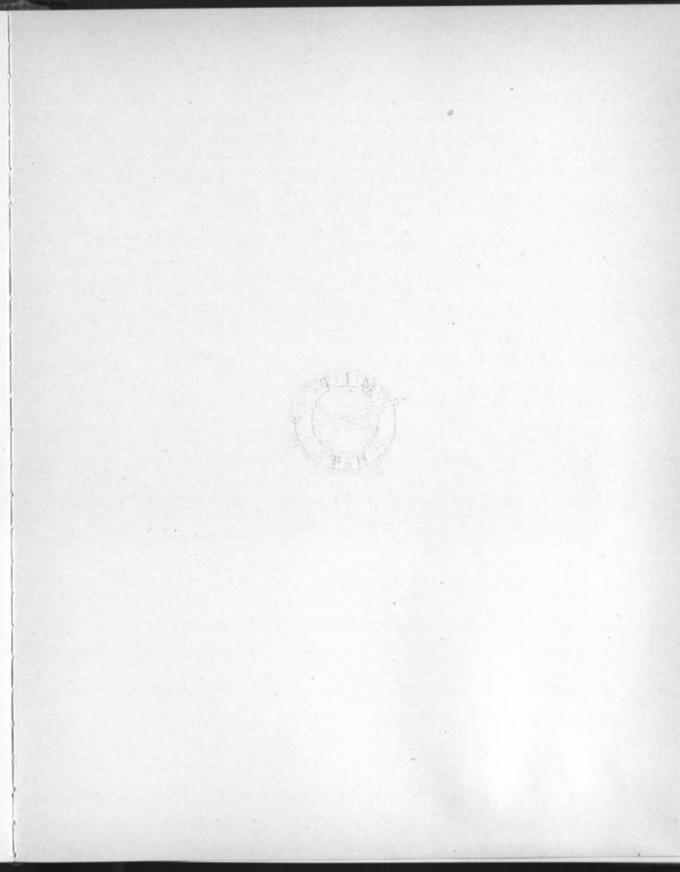
Treasurer.

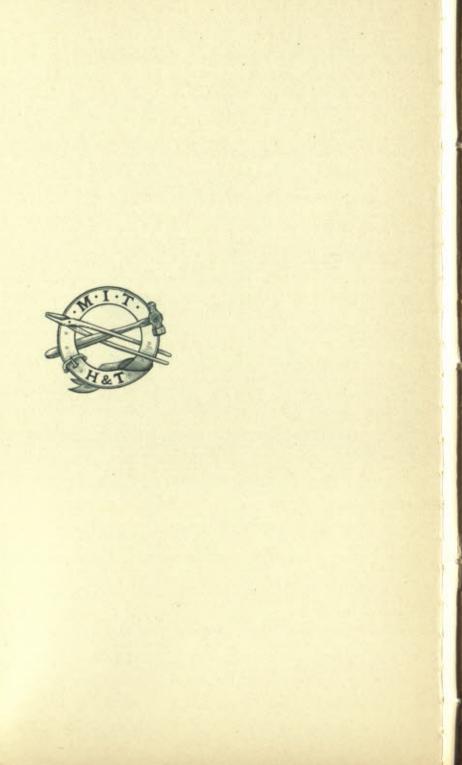
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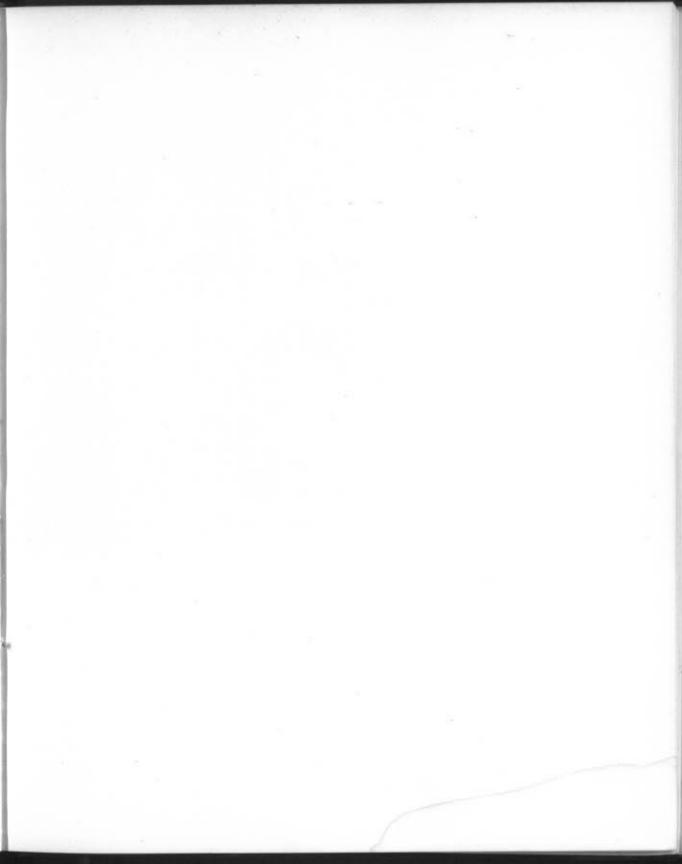
HARRY CLINTON WHITE,

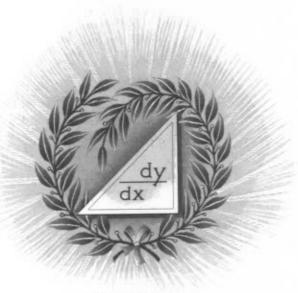
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STEPHEN ALEC BREED,

PHILIP BALDWIN DAY,

JOHN HOWLAND GARDNER,

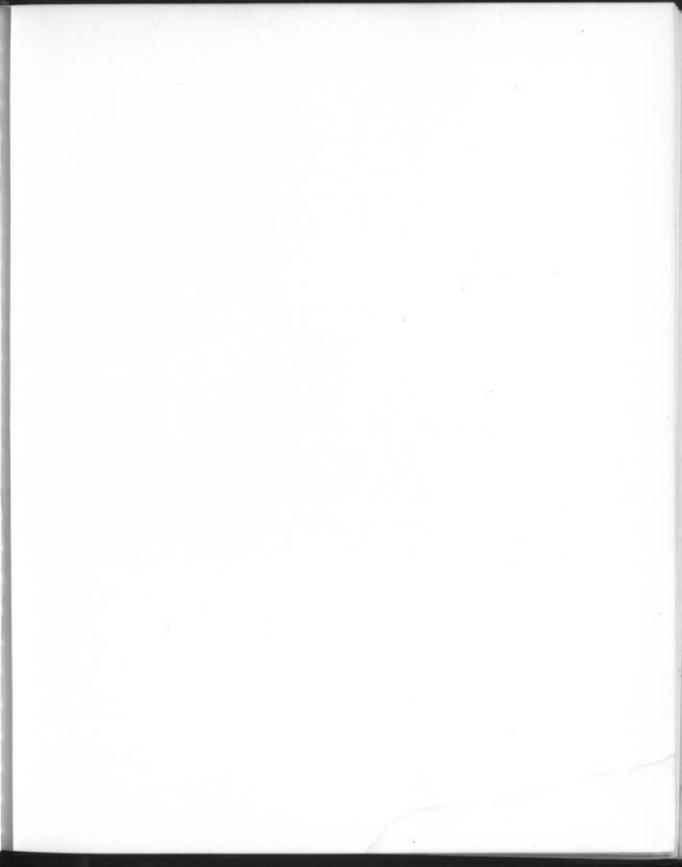
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In Urbe.

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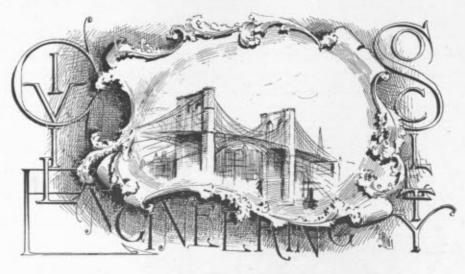
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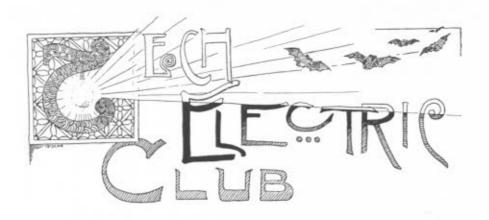
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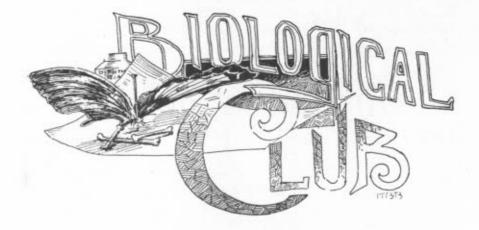
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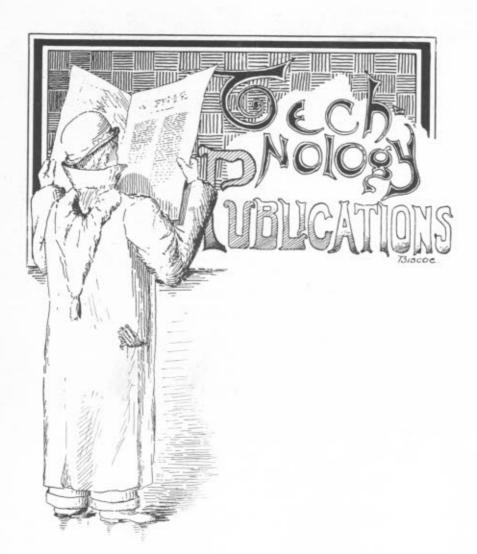
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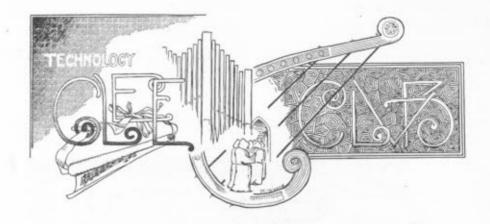
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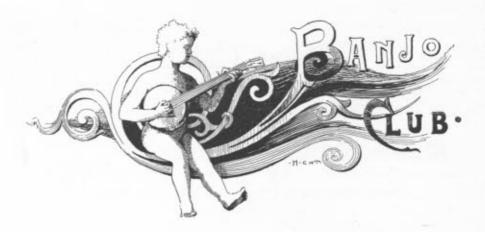
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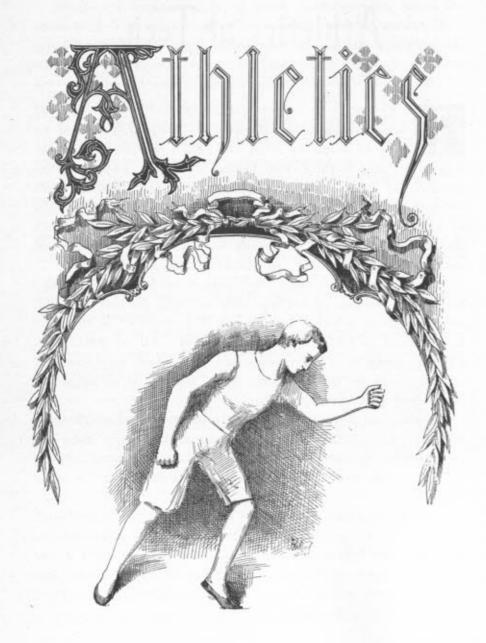
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Second Cornet.

E. LEBER.

Zither Soloist.

C. E. STAMP.



Athletics at Tech.

T IS not to be supposed that students in a professional school, such as the Institute of Technology, should be able to devote as much time, and consequently to do as well in athletics as those who belong to colleges where athletics are regarded as of vital importance. In the first place, we have not sufficient time for systematic training in the different branches of athletics, and secondly, a great disadvantage is felt in the fact that the termination of our year's work comes at a time when outdoor exercises are only just commenced at the colleges.

Taking into consideration these adverse conditions, Technology has always done well,—and especially so during the past year, and, moreover, there is every prospect of a continuance of the good work. There is even hope that Technology will do better hereafter, because the Faculty, who have heretofore only tolerated athletics, have so far recognized their benefits as to appoint a trainer and gymnasium instructor.

Baseball has been tried at the Institute, and although there is always good material for a 'Varsity nine, lack of time has prevented its organization. There is still an annual game between the Sophomore and Freshmen classes, and great interest is taken in its result.

Football is played, and a 'Varsity team is put in the field with as much success as we could hope for under the circumstances. The fact that rigorous training and hard practice unfits a man for a long evening's work, the distance of the grounds from the gymnasium, and the lack of funds for engaging a competent trainer, all act as drawbacks. Where our athletics show up most advantageously is on the cinder-track. Track athletics are peculiarly adapted to our Institute life. The time required for training is slight, and need not be set at any especial hour. Our records in track athletics are not far behind those of the colleges, and we hope in time to make them equally as good.

Let us look over, for a moment, the work of the past year. The class base-ball teams were among the best ever at Technology, and the game was exciting throughout. The 'Varsity foot-ball team did the best work that has been done since the memorable year of '87, when Technology won the championship of the Eastern Intercollegiate League. In track athletics almost all our records have been broken during the past year, and at one set of games ten records were broken out of eleven events contested. Furthermore, cross-country runs have been successfully inaugurated, and a 'Varsity polo team has been started with very promising success.

Finally, it is TECHNIQUE'S ardent desire that athletics may continue to improve, and we would urge every man to do his share for their advancement.





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A. Greiger, Jr., '95.

Tenth Indoor Winter Meeting.

Saturday, December 13, 1890.

Fence Vault,			6 ft. 7½ in.	4	÷	B. R. T. Collins, '88.
Standing High Jump, .	5	*	4 ft. 61/4 in.			L. C. Wason, '90.
Running High Jump, .	10		5 ft. 6 in			C. D. HEYWOOD, '93.
Running High Kick, .		* 5	9 ft 1½ in.	32	100	L. C. Wason, '90.
Twenty Yard Dash, .	į.	*	3¼ sec	Œ.	54	F. S. VIELÉ, '91.
Individual Tug-of-war,	10	53		17	35	F. H. HARVEY, '92.
Class Tug-of-war,	i.	83	V V X V V	S,	24	NINETY-TWO.
Rope Climbing,		3)	6½ sec			R. Sturgis, '94.
Single Stick,		×		34	19	J. Campbell, '93.
Putting Shot (16 lbs.) .	3	į,	34 ft. 41 in.			J. C. E. DEBULLET, '92.

'91 won		÷								4	*0		10 points.
'92 won			: 1		197	3.5			100		15	:5	9 points.
'93 won				51		- 40	916	1	+	140		1	7 points.
'94 won	115			158	53	10.0	**					57	3 points.

Open Winter Meeting.

Winslow's Rink, March 7, 1891.

Putting Shot,	5 5	36 ft. 3 in J. R. Fn	NLAY, H. A. A.
Standing High Jump,	0 6	4 ft. 6½ in C. H. BE	an, H. A. A.
Running High Jump, .		6 ft. 1 1/4 in 'G. R. Fr	aring, H. A. A.
Pole Vault,		9 ft. 10 in H. R. D	ALTON, B. A. A.
Mile Run,		4 min. 57% sec G. Tone	LL, H. A. A.
50-Yards Dash,	. 10	5 sec A. H. G	REEN, H. A. A.
50- Yords Hurdle,		7 sec G. R. Fi	EARING, H. A. A.
Mile Walk,		7 min. 62 sec R. S. H.	LE, B. A. A.
Single Stick,		R. Ston	E, H. A. A.

Invitation Sparring Meeting.

March 14, 1891.

FEATHERWEIGHT SPARRING.

H. S. McPherson, H. A. A., vs. L. Dana, M. I. T. Won by McPherson.

LIGHT WEIGHT SPARRING.

F. A. Dodge, H. A. A., vs. S. A. Breed, M. I. T. Won by Dodge.

F. A. Dodge, H. A. A., vs. M. L. Black, H. A. A. Won by Black.

SPECIAL-WEIGHT SPARRING.

R. STURGIS, M. I. T., vs. J. R. WHIPPLE, H. A. A. Won by Sturgis.

R. Sturgis, M. I. T., vs. H. S. McPherson, H. A. A. Won by H. S. McPherson.

TUG-OF-WAR.

Technology versus North-Western University.

Won by Technology by 2½ in.

Team: Harvey, Doe. Kales, Burrough.

Annual Outdoor Spring Meeting.

Beacon Park, May 2, 1891.

50- Yards Dash, 6\frac{1}{5}\sec. C. E. BUCHHOLZ, '92.

100- Yards Dash, 10\frac{1}{2}\sec. C. R. Boss, '93.

220- Yards Dash, 23\frac{1}{5}\sec. . . . A. French, '92.

440- Yards Dash 53\frac{2}{5}\sec. . . . T. Spencer, '91.

880- Yards Run, 2\text{min. 6\frac{4}{5}\sec. . . T. Spencer, '91.

One-Mile Run, 4\text{min. 44\frac{2}{5}\sec. . . F. A. Sargent, '91.

120- Yards Hurdle, 18\frac{4}{5}\sec. . . . J. Crane, '92.

220- Yards Hurdle, 29\frac{2}{5}\sec. . . . J. Crane, '92.

Standing Broad Jump, . . . 9\text{ft. 11\frac{1}{2}\text{in. . . C. D. Heywood, '93.}

Running Broad Jump, F. S. Viel\text{\varepsilon} '91.

Throwing Hammer (16 lbs.) . 80\text{ ft. 11\frac{1}{4}\text{ in. . . L. B. Manley, '92.}

Open Handicap Meeting.

South End Grounds, Oct. 21, 1891.

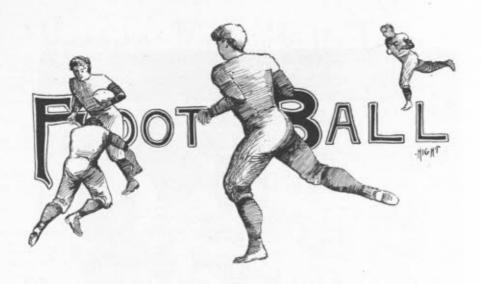
100-Yards Dash,		103 sec		W. S. Thompson, H. A. A.
440-Yards Dash,		56‡ sec	·	W. S. Thompson, H. A. A.
880-Yards Run,		2 min. 12 g sec.	.5	F. W. Fenton, H. A. A.
One-Mile Run,		4 min. 544 sec.		F. A. SARGENT, M. I. T.
120-Yards Hurdle,	55. 5	193 sec		P. J. FINNERAN, B. A. A.
Running High Jump, .		5 ft. 5½ in	×	E. B. Bloss, B. A. A.
Goal Kicking Contest	51.53			E. B. Bloss, B. A. A.
Class Team Race,	A 10	V1 20 20 20 20 20		NINETY-THREE.

Fleventh Indoor Winter Meeting.

Saturday, December 12, 1891.

35-Yards Dash,			44 sec			J. Dove, '95.
35-Yards Hurdle,	Ŧ		5 t sec	ž.		J. C. BOYD, '93.
Running High Jump, .	25		5 ft. 3 in			C. D. HEYWOOD, '93.
Standing High Jump, .			4 ft. 7½ in.	4.	4	C. D. HEYWOOD, '93.
Running High Kick, .			9 ft. 3½ in,			C. D. HEYWOOD, '93.
Rope Climbing,		ā	5½ sec		2	O. H. Carrier, '95.
Fence Vault (Handicap),		,	6 ft. 7 in			H. C. WATERMAN, '92.
Putting Shot (16 lbs.),		-	33 ft, 6 in			L. B. MANLEY, '92.

'92 won	*	17.1	10,7			7	•			15	points.
'93 won	20					ž.		ŭ,		33	points.
'94 won									ě	6	points.
'95 won											



1892.

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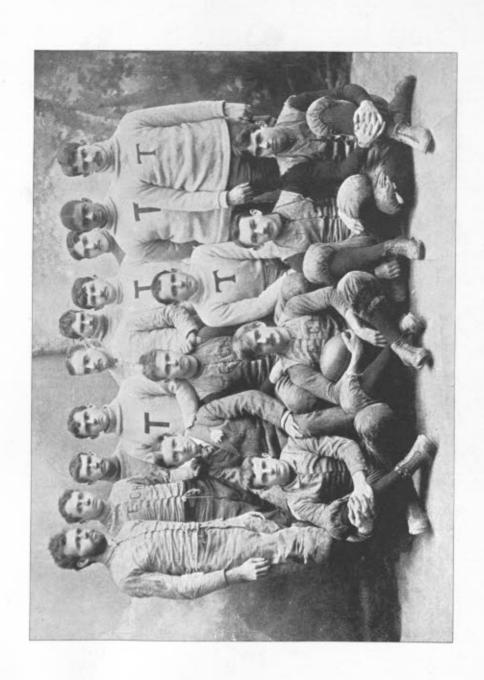
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'Varsity Foot Ball Team.

1891.

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NOBLIT, BURROUGH,

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CROCKER,

JOHNSON.

Guards.

MORSE,

BEATTIE.

Centre.

HARVEY.

Quarter-Back.

CLARKE (Captain).

Half-Backs.

BOYD, BATCHELDER, DEARBORN, SIMONDS.

Full-Back.

Andrews.

Substitutes.

Taintor, Thomas, Haskell, Nash.

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CHAMPIONSHIP GAMES.

Amherst, 24	TECHNOLOGY, . 14	Boston, October 31.
WILLIAMS, 60	STEVENS,	WILLIAMSTOWN, October 31
DARTMOUTH, 32	STEVENS, 12	Hoboken, November 4.
WILLIAMS, 30	TECHNOLOGY, . C	Williamstown, November 7
Amherst, 14	DARTMOUTH, 14	Hanover, November 7.
Amherst, 38	STEVENS,	Amherst, November 14.
WILLIAMS, 14	DARTMOUTH, . 6	Hanover, November 14.
Amherst, o	WILLIAMS,	Amherst, November 20.
DARTMOUTH, 8	TECHNOLOGY, . (6 Boston, November 20.
TECHNOLOGY, 16	STEVENS,	Hoboken, November 26.

Summary of Games.

1. Boston, October 1st.-Technology vs. Brown.

Rushers: Gilbert, Simonds, Beattie, Johnson, Gill, Boyd, Kales. Quarter-back: Clarke (Capt.) Half-backs: Dearborn, Batchelder. Full-back: Andrews. Score: Technology, 4; Brown, 6.

2. Andover, Mass., October 6th.-Technology vs. Andover.

RUSHERS: Gilbert, Johnson, Gill, Harvey, Beattie, Brooks, Kales. QUARTER-BACK: Clarke (Capt.) Half-Backs: Dearborn, Simonds. Full-Back: Batchelder. Score: Technology, 4; Andover, 4.

3. Boston, October 7th .- Technology vs. B. A. A.

RUSHERS: Gilbert, Johnson, Gill, Harvey, Beattie, Simonds, Kales. QUARTER-BACK: Clarke. HALF-BACKS: Dearborn, Boyd. FULL-BACK: Batchelder. Score: Technology, o; B. A. A., o.

4. Boston, October 9th.-Technology vs. Exeter.

Rushers: Gilbert, Crocker, Morse, (Gill), Harvey, Beattie, Johnson, Kales, (Boyd). Quarter-back: Clarke (Capt.) Half-backs: Jacobs, Dearborn. Full-back: Batchelder. Score: Technology, 16; Exeter, 4.

5. Cambridge, October 14th.-Technology vs. Harvard.

Rushers: Gilbert, Crocker (Batchelder), Morse, Harvey, Beattie, Johnson, Kales. Quarter-back: Clarke (Capt.) Half-back: Jacobs, Dearborn. Full-back: Crane. Score: Technology, o; Harvard, 26.

6. Fall River, Mass., October 17th.-Technology vs. Fall River.

RUSHERS: Thomas, Crocker, Morse, Harvey, Beattie, Johnson, Kales. QUARTER-BACK: Clarke. HALF-BACK: Boyd, Story. Full-BACK: Batchelder. Score: Technology, 16; Fall River, o.

7. Exeter, N. H., October 21st .- Technology vs. Exeter.

RUSHERS: Gilbert, Crocker, Morse, Harvey, Yoerg (Look), Batchelder, Kales. Quarter-back: Clarke. Half-backs: Boyd, Dearborn. Full-back: Story. Score: Technology, 0; Exeter, 20.

8. Boston, October 24th.—Technology vs. Tufts.

RUSHERS: Gilbert, Simonds, Taintor, Harvey, Beattie, Johnson, Kales. Quarter-back: Thomas (Capt.) Half-back: Boyd, Dearborn. Full-back: Batchelder. Score: Technology, 12; Tufts, 6.

9. Boston, October 31st .- Technology vs. Amherst.

RUSHERS: Green (Vorce), Simonds, Beattie, Harvey, Taintor, Johnson, Kales. Quarter-back: Clarke. Half-backs: Boyd, Batchelder. Full-back: Crane. Score: Technology, 14; Amherst, 24.

10. Williamstown, November 6th .- Technology vs. Williams.

RUSHERS: Burrough, Crocker, Morse, Harvey, Beattie, Johnson, Kales. Quarter-back: Clarke. Half-backs: Boyd, Simonds. Full-back: Batchelder. Score: Technology, o; Williams, 30.

11. Providence, November 10th .- Technology vs. Brown.

Rushers: Gilbert, Crocker, Morse, Harvey, Beattie, Johnson, Kales. Quarter-back: Clarke. Half-backs: Boyd, Simonds. Full-back: Batchelder. Score: Technology, 16; Brown, 6.

12. Hartford, November 14th.—Technology vs. Trinity.

RUSHERS: Thomas, Crocker, Morse, Harvey, Haskell, Johnson, Burrough. QUARTER-BACK: Clarke. HALF-BACKS: Boyd, Simonds. Full-back: Andrews. Score: Technology, 0; Trinity, 20.

13. Boston, November 20th.-Technology vs Dartmouth.

RUSHERS: Noblit (Thomas), Crocker (Nash), Morse (Haskell), Harvey, Johnson, Kales. Quarter-back: Clarke. Half-backs, Boyd, Dearborn. Full-back: Andrews. Score: Technology, 6; Dartmouth, 8.

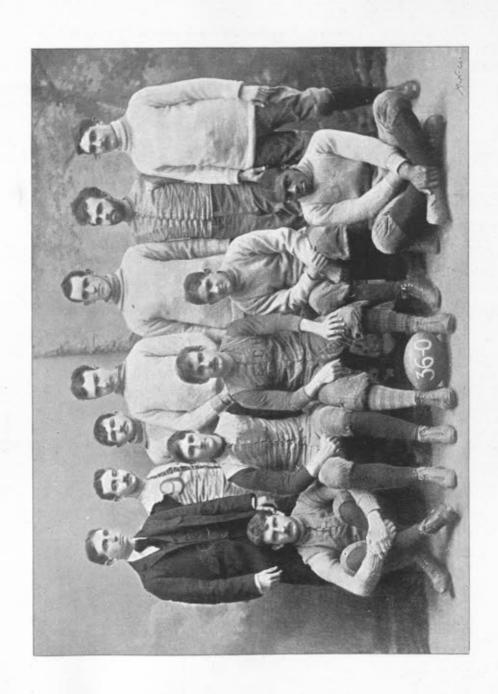
14. Hoboken, November 26th.—Technology vs. Stevens.

RUSHERS: Noblit, Crocker, Morse, Harvey, Beattie, Johnson, Kales. Quarter-back: Clarke. Half-back: Boyd, Batchelder. Full-back: Andrews. Score: Technology, 16; Stevens, o.

'93 Foot Ball Team.

ABBOTT. SIMONDS. Morse, Beattie. HASKELL, Centre. Quarter-back. Noblit, Captain. Half-backs. DEARBORN, BOYD. Full-back. Andrews. Substitutes. BROOKS, BAKER, ASHTON.

'93 challenged the other classes to play a series of games for the Class Championship of the Institute; and, since this challenge was not answered by any of the classes, '93 can justly claim the championship, which it would easily have won if the games had been played.



'94 Foot Ball Team.

JOHNSON, Centre.

Quarter-back Story.

Half-backs.

CLARKE, Captain.

SPAULDING.

Pull-back.
HAZELTON.



'95 Foot Ball Team.

Quarter-back.
Winslow.

Half-backs.

BATCHELDER, Captain.

THOMAS.

Pull-back. Stas.

'95 vs. Exeter '93,	*	,	15				*				6 26
'95 vs. '92 CIVILS,							-			÷	24 — (
'95 vs. '94,		-						77			0 - 30

Other Foot Ball Teams.

Junior Electrical foot Ball Team.

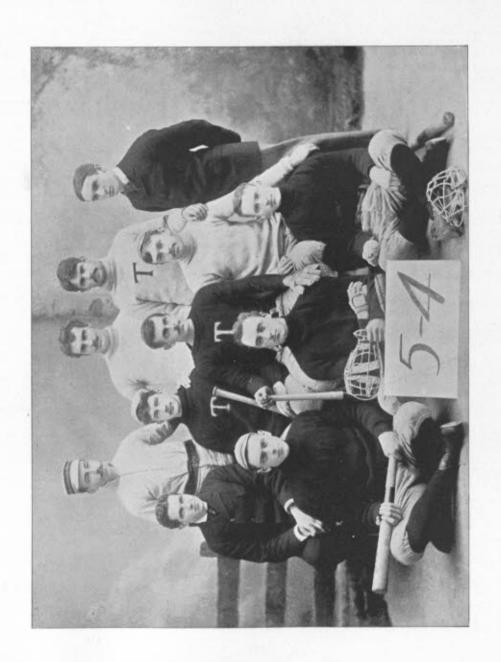
THOMAS,		18	15		20		,	Ends,				1			VORCE.	
Page, .		32		*	*.			Tackl	e, .	10				*	PECK.	
TAINTOR,			-					Guard	ls,						HANCHI	ETT.
							W	ASON,	Cent	re.						
							Q	uarter-	bac	k.						
							No	BLIT, C	apt	ain.						
							1	Half-ba	cks							
	L	EN:	SMC	RE	,								Ва	RR	٧.	
								Full-ba	ack.							
								Andre	ws.							
Erromnia	 	. 1	ſ.			~.									11.5	

Other Foot Ball Teams.

Junior Mechanical foot Ball Team.

Belden,							4	Ends,		A.		*2		×		Woods.	
Baker, .	×				19			Tackle	, ,	11			×		*	LANE.	
BLAKE, .		*						Guara	s,						3	Brooks.	
						S	TA	NWOOD,	Ce	ntre	e.						
							QI	uarter-l	pac	k							
						G	ODC	HAUX,	Caj	blai	n.						
							1	Half-ba	cks								
		Sı	PEE	R,									G.A	RD	NE	R.	
								Full ba	ck.								
								Азнто	N.								

MECHANICALS vs. ELECTRICALS, .





Minety=Three Base Ball Team.

Captain.

Ashton.

Team.

Dolan, p.

Ashton, 2d b.

Brockunier, c. f.

Jackson, s. s.

Emery, l. f.

Burke, c.

Belden, r. f.

Palmer, 3d b.

SUMMARY OF GAMES.

Ninety-Three,	4			20	Ç.		4	Harvard Ninety-One,	2	145		2
Ninety-Three,		i	6)	-0			8	Boston University,				3
Ninety-Three,		320					1	Andover Academy,	,		×	6
Ninety-Three,							7	Ninety-Four,				11



Base Ball (lab.

Minety= four Base Ball Team.

							_		
Captai	η.								Manager.
J. A. Roo	ERS	š.							F. C. Greene.
								Tes	am.
Dumaresq, 30	l b.						R	OGER	RS, C. ANDERSON, İ. f.
Jones, r. f.							I.	ANIG	AN, 2d b. MEADE, C. f.
MERKLAND, I	st b						N	IINK,	p. Whiting, s. s.
							ř		
					st	JM	M A	RY	OF GAMES.
Ninety-Four,								9	Roxbury Latin, 5
Ninety-Four,	13	.0.	9.		ij.	4		8	Harvard Ninety-Four, 8
Ninety-Four,	43	7	,				3	8	Cambridge High School, 2
Ninety-Four,	40			-	0	1		11	Ninety-Three,



Officers.

President.
F. H. HOWLAND, '92.

Vice-President. S. H. Foster, '95.

Secretary.
A. G. Davis, '93.

Treasurer.
C. W. DICKEY, '94.

Executive Committee.
T. Horton, '94.
118

Tennis Association.

Members.

CLASS OF '92.

F. C. NORTON,

F. H. HOWLAND.

CLASS OF '93.

G. W. STOSE,

K. S. SWEET,

H. N. LATEY,

A. P. HALL,

C. F. Morse,

H. R. BARTON,

A. G. DAVIS.

W. H. SAYWARD,

R. J. DUNCAN,

F. G. COGGIN,

H. L. RICE,

M. T. BARBOUR.

A. B. Wadsworth.

F. T. TOWNE.

CLASS OF '94.

W. B. TAYLOR,

T. VARNEY,

F. H. MURKLAND,

G. DANA.

T. HORTON,

N. K. McGoodwin,

A. R. MACKAY,

C. W. DICKEY.

CLASS OF '95.

F. M. BARDWELL,

N. G. BEAN.

D. N. BURKHALTER,

W. HALLIBURTON.

A. G. Bixby, H. A. Foster,

S. H. FOSTER,

E. I. NEWELL.

119

Amateur Polo League.

Officers.

President.

Major Dyer.

Vice-President.

JOSEPH NOBLIT.

Secretary. E. Bower.

Members.

B. A. A.

IST REG.

TECH.

TRIMOUNT.

Technology Polo Team.

Captain.

SIMONDS.

Manager.

NOBLIT.

First Rush.

PARKER.

Second Rush.

SPEAR, JONES.

Centre.

BOYD.

Half-back.

SIMONDS.

Goal.

SHEPHERD.

120

Institute Records.

20-Yards Dash,	3 sec.,		,			F. W. LORD, '93.
50-Yards Dash,	54 s.,					C. E. BUCHHOLZ, '92.
100-Yards Dash,	10½ S.,					C. R. Ross, '93.
220-Yards Dash,	234 s.,					A. FRENCH, '92.
440-Yards Dash,	53 gg s.,					T. SPENCER, '91.
Half-Mile Run,						T. SPENCER, '91.
Mile Run,	4 m. 44 ² / ₅ s.,					F. A. SARGENT, '93.
120-Yards Hurdle	184 s.,					J. CRANE, JR., '92.
220-Yards Hurdle,	29 s.,				*	J. CRANE, JR., '92.
One-Mile Walk,	8 m. 5 ² / ₅ s., .					A. H. ALLEY, '91.
Two-Mile Bicycle Race,	6 m. 40½ s., .			*		C. H. WARNER, '89.
Running High Jump,	5 ft. 101 in., .			8		C. D. HEYWOOD, '93.
Standing High Jump,	4 ft. 10 in., .					F. R. YOUNG, '86.
Running Broad Jump,	19 ft. 9 in., .					F. S. VIELÉ, '91.
Standing broad Jump,	9 ft. 111 in., .					C. D. HEYWOOD, '93.
Running High Kick,	9 ft. 3½ in., .					C. D. HEYWOOD, '93.
Fence Vault,	7 ft. 2 in.,					W. F. RIPLEY, '82.
Pole Vault,	10 ft. 7 in., .					J. CRANE, JR., '92.
Putting Shot (16 lbs.),	36 ft. 21 in., .	ý	v			J. C. E. DE BULLET, '92.
Throwing Hammer (16 lbs.),	80 ft. 11½ in.,				,	L. D. MANLEY, '91.
Rope Climbing,	51 s.,	×	¥.			H. O. CARRIER, '95.

Ollegiate Records.

A Collegiate Record is one made by a collegian in any games to which the I. C. A. A. A. A. A. gives approval.

Princeton, May, 1891.	Berkeley Oval, May 30, 1891.	Beacon Park, July 1, 1886.	Travers Island, June 29, 1889.	Berkeley Oval, May 25, 1889.	Berkeley Oval, May 30, 1891.	Holmes Field, May 22, 1891.	Cambridge, May 9, 1887.	Springfield, Sept. 17, 1882.	Philadelphia, Oct. 7, 1887.	Worcester, May 28, 1890.	Berkeley Oval, May 30, 1891.	Easton, June 29, 1886.	Holmes Field, May 22, 1891.	New York, May 28, 1887.
Princeton.	Princeton .	Harvard .	Princeton.	Amherst .	Yale	Harvard .	Harvard .	Yale	Univ. Penn.	Williams .	Columbia.	Lafayette.	Harvard .	Yale
L. H. CARY	L. H. CARY	WENDALL BAKER	W. С. Dонм	C. O. WELLS .	H. L. WILLIAMS .	J. P. LEE	H. H. Bemis	L. B. HAMILTON .	W. B. PAGE	S. CROOK	VICTOR MAPES	L. D. GODSHALL .	J. R. FINLAY	A. B. Coxe
9\$ s	21\$ S	474 S	I m. 554 s	4 m. 29\$ s	15\$ S	24\$ S	6 m. 59½ s	5 m. 43 s	6 ft. 4 in	5 ft. 13 in	22 ft. 114 in	10 ft. 74 in	108 ft. 5 in	40 ft. 94 in
100-Yards Dash	230-Yards Dash	440-Yards Dash	Half-Mile Run	One-Mile Run	130-Yards Hurdle	220. Vards Hurdle	One-Mile Walk	Two-Mile Bicycle	Running High Jump	Standing High Jump	Running Broad Jump	Pole Vault	Throwing Hammer (16 lbs.)	Putting Shot (16 lbs.)

Intercollegiate Records.

An Intercollegiate Record is a record made at an Annual Meeting of the I. C. A. A. A. A.

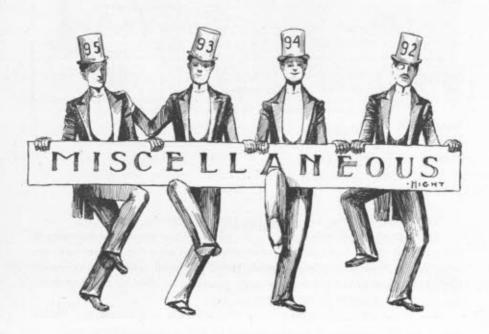
100-Yards Dash		2	IO S	L. H. CARY	Prince	Princeton.	Berkeley Oval, May 30, 1891.
220-Yards Dash			214 S	L. H. CARY	Princeton.		Berkeley Oval, May 30, 1891.
440-Yards Dash			49½ S	G. B. SHATTUCK	Amherst .		Berkeley Oval, May 30, 1891.
Half-Mile Run			r min. 57\$ s.	W. С. Dонм	Princeton.		Berkeley Oval, May 31, 1890.
One-Mile Run			4 m. 29\$ s	C. O. WELLS .	Amherst		Berkeley Oval, May 25, 1889.
130- Vards Hurdle			15\$ S.	H. L. WILLIAMS	Yale		Berkeley Oval, May 30, 1891.
220-Yards Hurdle		0	253 S	J. P. LEE	Harvard	. par	Berkeley Oval, May 31, 1890.
One-Mile Walk			7 m. 5\$ s	L. COLLIS	Columbia	ıbia.	Berkeley Oval, May 30, 1891.
Two-Mile Bicycle	.,		6 m. § s	R. H. DAVIS	. Harvard .	. par	Berkeley Oval, May 25, 1889,
Running High Jump .	100		6 ft	W. B. PAGE	. Univ.	Penn.	Univ. Penn. Manhattan Athletic Grounds, May 29,
							1886.
Running Broad Jump	*		22 ft. 114 in	22 ft. 114 in. VICTOR MAPES	Columbia.		Berkeley Oval, May 30, 1891.
Pole Vault			ro ft. 7½ in	E. D. RYDER .	Yale		Berkeley Oval, May 30, 1891.
Throwing Hammer (16 lbs.)	5 165.	0	107 ft. 7½ in	J. R. FINLAY .	Harvard		Berkeley Oval, May 30, 1891.
Putting Shot (16 lbs.) .			40 ft. 9½ in A. B. COXE .	A. B. COXE	Yale		Manhattan Athletic Grounds, May 28,
							1887.

Rmerican Records.

An American Record is a record made at any Meeting to which the A. A. A. U. gives its approval.

Washington, Oct. 11, 1890.	Berkeley Oval, May 30, 1891.	Beacon Park, July 1, 1886.	N. Y. A. C. Manhattan Grounds, Sept. 19, 1891.	Polo Grounds, Nov. 11, 1890.	Manhattan Grounds, Sept. 19, 1891.	Berkeley Oval, May 30, 1891.	Holmes Field, May 22, 1891.	Mott Haven, Oct. 27, 1883.	Springfield, Oct. 28, 1885.	Philadelphia, Oct. 7, 1887.	Troy, July 4, 1891.	Worcester, May 28, 1890.	N. Y. A. C. New York, April 23, 1885.	V. Y. A. C. Mott Haven, Oct. 15, 1887.	V. Y. A. C. Manhattan Grounds, Sept. 19, 1891.	V. V. A. C. Manhattan Grounds, Oct. 10, 1891.	N. Y. A. C. New York, Oct. 17, 1891.
D. A. C	M. A. C.	H. A. A.	N. Y. A. C.	M. H	M. A. C.	Y. A. A.	H. A. A.	W. A. C		U. of P	P. A. C		N. Y. A. C.	N. Y. A. C.	N. Y. A. C.	N. V. A. C.	N. Y. A. C.
J. OWEN, JR	L. H. CARY	W. BAKER	W. C. Dонм	W. G. GEORGE	T. P. CONNEFF	H. L. WILLIAMS .	J. P. LEE	F. P. MURRAY	W, A. ROE	W. B. PAGE	C, S, Reber	S. CROOK	M. C. FORD	H. H. BAXTER	G, R, GREY	J. S. MITCHELL .	J. S. MITCHELL .
9\$ s	215 S	47 ⁸ S	1 min. 54½ s		4 m. 215 S.	155 S	24\$ S	6 m. 293 s	5 m. 213 s	6 ft. 4 in	23 ft. 64 in	5 ft. 11 in	10 ft. 94 in.	11 ft. 5 in	46 ft. 73 in	14t ft. 3½ in	34 ft. 11 in
	220-Yards Dash	440- Yards Dash	Half-Mile Run		One-Mile Kun	120- Yards Hurdle	220-Yards Hurdle	One-Mile Walk	Two-Mile Bicycle	Running High Jump	Running Broad Jump	Standing High Jump	Standing Broad Jump	Pole Vault	Putting Shot (16 lbs.)	Throwing Hammer (16 lbs)	

^{*} Obtained through the kindness of Mr. McKay, Boston Horald.



M. I. T. "Co-operative Society."

Officers.

PRESIDENT.

ARTHUR E. FOWLE.

VICE-PRESIDENT.

ALBERT F. BEMIS.

SECRETARY.
HARRY A. BALDWIN.

TREASURER.
ARTHUR E. FOWLE.

DIRECTORS.

PRESIDENT FRANCIS A. WALKER, from the Faculty.

WILLIAM R. KALES, '92, HARRY C. PARKER, '92, MARGARET E. DODD, '92, ARTHUR G. FARWELL, '93, ROBERT K. SHEPPARD, '94. ISAAC B. HAZELTON, '94.

This association was organized five years ago by the class of '87.

The sole object of the society is to advance the pecuniary interests of the students of the Institute, and with this end in view the officers have endeavored to draw up the best possible list of affiliated tradesmen, patronizing whom members of this society save yearly from five to thirty dollars; the discounts range from ten to fifty per cent.

The book exchange is at A. D. Maclachlan's, 214 Clarendon Street, where second hand books may be bought or sold at reasonable rates.

The annual proceeds of the society are devoted to the "Co-operative" scholarship, given each year to some promising and needy student at the Institute, who is selected by the Scholarship Committees of the Faculty and this society.

Last year three scholarships of \$200 each were granted, and this year, one of \$200, and three of smaller amounts. The total membership for last year was 633.

The officers are elected at the annual meeting in April, and serve one year without remuneration.



President. HOWARD R. BARTON, '93.

Secretary. ALBERT G. DAVIS, '93.

Vice-President. HARRY L. RICE, '93.

> Treasurer. HERBERT L. MOODY, '92.

Members.

CLASS OF '91. HERBERT L. BRAND.

CLASS OF '92.

WILLIAM B. GAMBLE, HERBERT L. MOODY,

GEORGE L. MIRIK,

FREDERIC H. HARVEY, CHARLES F. WALKER.

CLASS OF '93.

EDMUND L. ANDREWS, HOWARD R. BARTON, WILLIAM W. CARTER, CHARLES N. COOK,

WILLIAM W. CROSBY, ALBERT G. DAVIS, LAURENCE B. DIXON, HARRY L. RICE.

FREDERICK G. COGGIN, JR., THEODORE T. DORMAN, ARTHUR G. FARWELL, WALTER L. FRISBIE, WALLACE K. GAYLORD,

CLASS OF '94.

STEWART B. DOUGHTY, JOHN P. LABOUISSE,

HORATIO N. PARKER, ALBERT W. RANDALL.

CLASS OF '95. BERTRAND J. CLERGUE.

Tech Afternoon Parties.

Season 1891.

January 8, 1891.

February 7, 1891,

February 21, 1891,

March 7, 1891.

Matrons.

MRS. FRANCIS A. WALKER.

MRS. WILLIAM B. ROGERS.

MRS. F. P. EMERY.

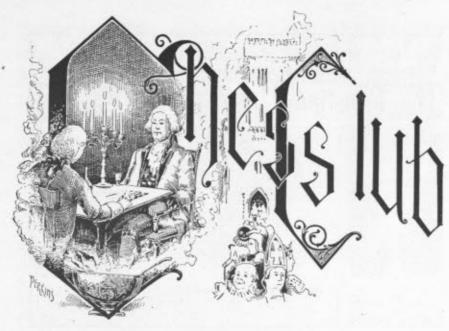
Managers.

L. W. PICKERT, '93.

W. B. PAGE, '93.

J. C. HAWLEY, '93.

M. M. MOTT-SMITM, '94.



Officers.

President.
HORACE LEWIS BRAND.

Vice-President ROBERT STEEL BALL,

Secretary.
FRANK HOWARD BURTON.

Treasurer. FRANCIS STUART VIELÉ,

Members.

ROBERT STEELE BALL.
HORACE LEWIS BRAND.
JOHN CLIFFORD BROWN.
FREDERICK HENRY BURNHAM.
FRANK HOWARD BURTON.
ROBERT DELANO CUSHING.
LEONARD TAYLOR CUTLER.
STERLING TUCKER DON.
WALTER EDWIN HOPTON.

GEORGE HUNT INGRAHAM.
HERBERT SAWYER KIMBALL.
ALEXANDER GEORGE MCKENNA.
FAUSTINE APOLONIO PEREZ.
FREDERICK HOLLAND ROSE.
OSCAR FRANK SAGER.
CLIFFORD MOLINEAUX TYLER.
FRANCIS STUART VIELÉ.
THADDEUS STEVENS WELCH.

FRED ALLYN WILSON,

honorary Members.

AUSTIN DUNHAM BOSS. EDWARD FRANKLIN BRAGG. GEORGE DANIEL CHAPMAN. JOHN OVIATT DE WOLF.

The Chess Club is now extinct,- Ep.

The Christian Union of the M. I. T.

Committee.

CHAIRMAN.

ROBERT T. SAUNDERS, '92.

GEORGE W. STOSE, '93.

GEORGE B. HAVEN, '94,

F. A. HANNAH, '95.

Attendance at the meetings and interest in the cause are the only requirements for membership.

The objects of the society are: First, to lead the students of the Institute to see the advantages of a Christian life; second, to bring the students into a warmer and more helpful fellowship.

It is believed that these objects can best be obtained by the prayermeetings held every Monday from ten minutes of two till five minutes past two, in Room 14, Rogers Building, and by an evening each term spent socially, time and place to be announced.



Members.

- W. H. DENNETT.
- L. S. FELAND.
- F. L. FRANCIS.
- G. H. INGRAHAM.
- A. C. Lotz.

- J. A. MEYER.
- F. E. NEWMAN.
- F. E. PERKINS.
- G. B. PERKINS.
- L. W. PULSIFER.
- E. P. WHITMAN.

- S. F. ROSENHEIM.
- C. W. SAWYER.
- T. H. SKINNER.
 - R. F. TUCKER.
 - J. F. VINING.

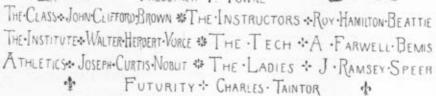
The Southern (lab.





TOAST LIST

PREDERICK T. TOWNE



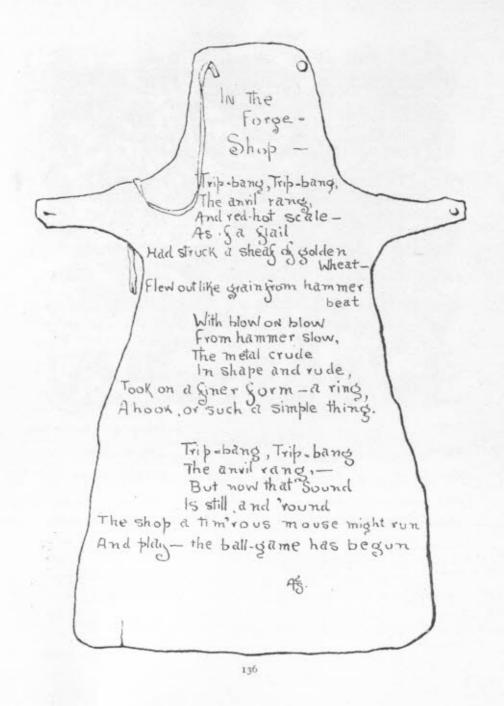


Toastmaster. FREDERICK TALMADGE TOWNE.

J	uniors			4	8			i		X				-			CHARLES TAINTOR.
2	rechniq	rue	,		*:5					*					*		LAURENCE B. DIXON.
																	JAMES R. SPERR.
A	thletic	s,				,				,							Joseph C. Noblit.
																	BANJO CLUB.
2	rech's .	Po	sit	ion	in	t	he	Col	lege	И	orl	d,				10	ROY H. BEATTIE.
A	sobi, .														4	*	HEIICHIRO MAKI,
S	pecials	,		42			1	٠.		į.			-		3	13	RIGBY WASON.
C	lass S	pi	it,									6				ж.	HARRY L. RICE.
																	BANJO CLUB.



Pres	siding Of	ncer.			Toastmaster,
FREDERIC	CK H.	MESERY	Æ.	EDWARD	P. WHITMAN, '92.
Address,					FREDERICK H. MESERVE.
The Institute, .		100 0 1	5 5 555		PRESIDENT WALKER.
Music,					MANDOLIN CLUB.
Seniors,					FREDERICK C. BLANCHARD.
Alumni,					GARY N. CALKINS.
Dessert,	1 1				Dr. D. R. Dewey.
Music,					GLEE CLUB.
Modern Languages	at the	Institute,			Prof. Van Daell.
Post-Graduates, .	* *		* * * * *		WILLIAM Z. RIPLEY.
Juniors,					RICHARD WATERMAN, JR.
Sophomores,					CHARLES TAINTOR.
Freshmen,	1.2	221. 7			WILLIAM C. PEET,
Music,					BANJO CLUB.





Major. C. F. TILLINGHAST.

Adjutant. G. W. HAYDEN.

First Lieutenant. W. S. WILLIAMS.

> First Lieutenant. S. K. CLAPP.

First Lieutenant. A.C. Jones.

> First Lieutenant. R. S. WASSON,

S. H. FOSTER. Company A.

Sergeant-Major.

Captain. C. A. MESERVE.

Company 36.

Captain. C. C. TAFT.

Company C.

Captain. E. H. HUXLEY.

Company D.

Captain. E. A. WITHINGTON.

Quartermaster. W. F. PATTEN.

Second Lieutenant. A. GEIGER, JR.

Second Lieutenant. T. H. WIGGIN.

> Second Lieutenant. L. A. ABBOTT.

Second Lieutenant. L. M. RANEY



May 31, 1891, Trinity Church.

Baccalaureate Sermon, . . . By RIGHT REV. BISHOP BROOKS, D. D.

June 1, 1891, Buntington Ball.

ORDER OF EXERCISES.

Overture,								2		4	-		3			ORG	HE	STE	A.
March,							43	43			,					ORG	HE	STE	A.
Address, .	200			. *			FR	EDI	ERI	СК	C	HA	MI	ER	s l	BLA	NCI	IAR	D
Oration, .								C	НА	RL	ES	FR	EI	DER	IC	H	MM	ION	D
Music, .																			
History,	7			14						-	9				J	AME	s S	WA	N
Poem, .		7			-			HE	RB	ER	T .	Ем	ER	SOI	N	HAT	HA	W	¥Υ
Music, .																			
Statistics,																			
Prophecy,	-						v	48				Т	н	EOD	OI	RE S	PE	NCI	ER
Music, .																			

June 1, 1891, Motel Vendome.

EVENING RECEPTION



June 2, 1891, Buntington Ball.

READING OF ABSTRACTS OF THESES.

Address, Pres. Francis A. Walker.

Conferring of Degrees.

CLASS-DAY OFFICERS.

COMMITTEE.

CHARLES WILSON AIKEN, HOWARD CARLETON FORBES,
FREDERIC CHAMBERS BLANCHARD, CHARLES GARRISON,
HENRY GODDARD BRADLEE, WOODRUFF LEEMING,
GEORGE WILLIAM BRYDEN, ARTHUR NEWHALL MANSFIELD,
FRANK HOWARD BURTON, GEORGE HENRY KIMBALL OXFORD,
EDWARD CUNNINGHAM, ARTHUR FOREST SHATTUCK,
HENRY ANTHONY FISKE, FRANCIS STUART VIELE.

Rlampi Association.

Organized March 17, 1875.

Annual Meeting.

Annual Reception to the Graduating Class about June, 1892.

OFFICERS.

President,

HENRY M. HOWE, '71.

Dice=President,

CHARLES T. MAIN, '76.

Secretary,

C. FRANK ALLEN, '72.

Erecutive Committee,

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Northwestern Rlampi Resociation.

Organized February 12, 1887.

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Organized June 2, 1891.

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In the year of '89 a crowd of fellows fine,
To the Institute there came one autumn morn.
They couldn't go to college, for they wanted to get knowledge,
And they turned away from other schools with scorn.

For there in foolish bumming, and in making things go humming, They leave dame wisdom's devious way behind. Some play at this game, some at that, one runs a race, one wields a bat, But after all, this don't improve the mind.

And though for just the present, it might be very pleasant, To give our time to sport and let all study go, Yet the time would surely come when we'd be stricken dumb, Before a bad report with a large amount of low.

We are here alone to grind, and leave all sport behind, So says a large proportion of the class of '92; But we will risk a dollar, that '92's best scholar, Never got so many H's as our Thomas number two.

When we got here in the fall, we thought we knew it all.

We were only Freshmen then, now we know a great deal more.

And we boldly will declare, that no other can compare,

With the class that now is called the Sophomore.

We always have been told, by both the young and old, That in all the Institute we're the most unruly class. But though we're very near it, for actual class spirit, No crowd throughout the school can begin us to surpass. Then for fully two years more, we will surely wipe the floor, With the class that dares our rivals for to be. But be anything it may, it never for a day, Can be equal to the class of '93.

Then '93's the class for me,
Whatever to others she seems to be,
And when I am old, and my body is cold,
And they've laid me away down under the mould,
And spirit will be, up above soaring free,
My soul will shout for Tech '93.
Rah! Rah! Rah! M. I. T. Rah! Rah! Rah! '93!

F. P. EMERY, To the class of '93.

"A Poser."

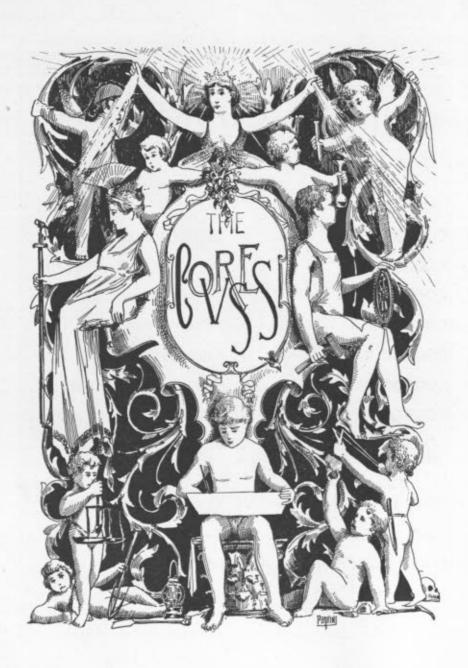
WEE, fair-haired Margie, aged ten,
Came skipping down the shady street,
And begged that I would grant her then
The favor which she did entreat.

She took my hand in both her own
That she might better plead her case.
Her bright, blue eyes expectant shone,
And sought their answer in my face.

Just out of mischief both small hands
I squeezed, till they were rosy red.
"See, then, what little girls get when
Their hands they place in mine," I said.

She quickly scanned both ruddy palms,
Where cruel creases lingered yet.
Then with wide opened eyes she asked,
"Why, then what do the big girls get?"

P.



THE COURSES

COURSE I.,			*	 *	CIVIL ENGINEERING.
COURSE II., .					MECHANICAL ENGINEERING
COURSE III., ·					MINING ENGINEERING.
COURSE IV.,			÷		ARCHITECTURE.
COURSE V., .			,	1	CHEMISTRY.
COURSE VI.,					ELECTRICAL ENGINEERING.
COURSE VII.,				i.	BIOLOGY.
COURSE VIII.,					PHYJICS.
COURSE IX.,	*				GENERAL STUDIES.
COURSE X.,	*:				CHEMICAL ENGINEERING.
COURSE XI.,		×			SANITARY ENGINEERING.
COURSE XII.,					GEOLOGY.



GRINDS.

KID glove Cr-sby.

THE ancient mariner .- C. H. J-hns-n.

WHAT'S in a name? - S. B. Ely.

 $\frac{O}{\infty} = \frac{\text{Tr-pp}}{\text{L-nch}}$

A PRIM Fowle but no peacock.

A SORT of an electric cell .- Course VI.

THIS is the way we do in Virginia .- N-sb-t.

PROFESSIONAL grinding done at reasonable rates.— B -- ck, the Expounder.

"You don't dare knock the chip off my shoulder."-Br-wn to W-ntw-rth.

"JUST watch me turn the gas on by magic."— D-ll-n.

PROFESSOR,—"Mr. St-ples." ST-PLES,—"Heea — yarh."

"A POLITICIAN - one who would circumvent God?" - O. All-n.

"THE era of good feeling"- June, July, August, September.

"THE man with a big voice and a small brother." - W. L. Ad-ms.

"Who speaks with a constantly accelerating Undrehungsgeschwindigkeit?"— B-rnh-m, '92.

Wно is B-lkn-p? "I am B-lkn-p; Raw, Raw, Raw, '95."

FRESHMAN (translating). —" The astronomical spy glass often bears the name of "Telescope of Gallilee."

"I'LL match you a quarter now, or any time, in any place."- H-m-l, '95.

IN the opinion of the Co-eds the architects are but designing creatures.

MR. CL-FF-RD.—" Gentlemen, you are very careless with your calculus; you don't distinguish between dx and d—something else."

IST JUNIOR -" D-rm-n is quite a ladies' man, isn't he?"

2D JUNIOR .- "Yes, he is rather struck on the world's fair."

SOME of R. W-s-n's sight translations in Dutch are rather of the nature of second sight.

TECHNOLOGY has a little L-mb, It fleece is black as jet, It came to Tech to school one day, And, lo! it's with us yet.

ENGINEERING Drawing Room, voice (as lights dip) — "First down, five minutes more play."

PROF. WOODBRIDGE, in Heating and Ventilation —"The amount of fullness is indicated by the tip."

SEVERAL grinds have been handed in on Mary Bl-ke, but by special request they have been suppressed.

KNOWING that a rolling stone gathers no Morss, our statisticians have hustled, and who says their tables aren't all Wright?

'94 MAN at the shops asks of '92 man timidly, "Please, where do miners hang their hats?"

PROF. CR-SS (explaining apparatus).—" Faraday used large pails, ordinary champagne pails. For moral reasons, I did not bring them into the class room."

THE Boston Post, Nov. 25, 1891.—"Books of to-day. Fifth of the French talks by the Rev. Dr. Van Daell of the Institute of Technology."

SMALL he was,
But LARGE he felt
Until Chas. Cross
Had with him dealt.— The Soph.

INSTRUCTOR in Descrip. to student,—"How dare you swear before me, sir." STUDENT.—"How should I know you wanted to swear,"

D-NSM-RE.—" Why can a man do more work when he drinks beer than when he drinks water?"

W-LL-ST-N.—"I don't know, why can he?"
D-NSM-RE.—" Because he has a greater head."

A FRESHMAN PUN.

HE held her ulster, smiled, and asked, "Do you object to being courted?"
"In moderation, no," she said; "but this is being overcoated."

THE chances of learning a foreign language at the Institute have become much brighter, or as the Germans say, Heller.

SOPHOMORE (examining Tech, work at architect's exhibition in Public Library Building),—"This man named Thesis is the best draughtsman of the lot. I wonder who he is,"

P-RK-NS writes his French sentence at the top of the board. Prof. Van D--ll,—
"You are too tall for me, monsieur (stands up in a chair), you must come down to my
level."

JOE '93 (reading),—" Some are born great, some achieve greatness, some ——" JOHNNY '93 (his room mate).—" Oh for Heaven's sake, give us a rest on that old chestnut of Grant's."

PROF. C-RP-NT-R,— "A Euphonism is a pleasant name for an unhappy circumstance. Thus, for example, a wife called a better half."

THERE was a young fellow named Wās-n,
Which, correctly pronounced, rhymes with Mason,
But a fellow named Sloss-n,
Called him constantly Wâs-n,
Which made Rig put a very wry face on.

PROF. F-NCE, - (dealing out attendance cards), - "If a man comes with three sections he had better turn over and say it on the back."

W-LLS, (in Economic Froblems),- "The beer glasses in Germany hold a pint."

DR. D-W-Y (surprisedly),- "I really don't know."

PROF. CR-SS.—"Gentlemen, Morse's invent on cf the telegraph was one of the greatest gifts to mankind. His recording method was very remarkable; he made use of a series of lateral jags."

AT a '95 class meeting the speaker says," The boys must do this, the boys must do that, etc."

EXASPERATED FRESHMAN,- "What's the matter with calling us men?"

Who is this man with magistratal walk,
With that born-te-command accent in his talk,
That mien that turns the head of many a lady fair,
Like Herbert Kelsey?
Why do the children stare?
Because—
It's Senator D-w-s
of Chelsea!

W-RDSW-RTH in a literary mood the night after the '93-'94 base ball game:—"'Tis the witching hour of twelve when (hic) grape-yards yawn and deaths give up their graves."

HIS OPINION OF HIMSELF.

First in mechanics,
First in descrip.
And first in the hearts of his fellow students (?) K-rk.

L. Mr. H-LL-R. — I wish you would ask sensible questions, gentlemen; I can't teach common sense, it's out of my line.

THERE is a young man called the Duchess,
Who knows (so the Profs. say) as much as
An infant of two,
But he'll never get through,
For he's got into Pe-b-dy's clutches.

PROF. POPE.—" There is no such thing as H-O."

Knowing Student,-"Oh yes there is, Professor, I have it every morning for breakfast."

By some most singular freak of fate, His face and voice but poorly mate; The former, beardless, innocent and mild, Like that we see upon some little child; The latter harshly base, of discords maker; You know the man, its Hogan alias H-g-r. PROF. DIPPOLD (to recreant student).—" Why were you absent from class last Friday?"

R. S. (unprepared).—" Wha er—that is—I,—you see I had an engagement at the dentist's—to see about my eye-glasses."— Tableau.

The professor of organic chemistry assures us that this is a very rare product little known as yet, but, as theoretically possible, may some day be important.

H-RB--GH, '95 (about to demonstrate),—" Professor, I can't make any sense out of this theorem the way it is demonstrated in the book. Now, in Wentworth——" PROF. W-LLS.—" Young man, you may be seated."

THE gale blew down the avenue, Its strength would not abate; It carried off both blinds and doors, But left our Freddy's gait.

"You will notice," said Prof. Cr-ss, "that the vibrations produced in the sounding board by the longitudinal vibrations of this spring bear a remarkable resemblance to the chirping of a hen."

BOSTON Sunday Herald, Dec. 20, 1891.—"Rich wedding dress being woven for the Princess Victoria of Tech." Who is the unfortunate Co-ed?

°95. CLASS∴ MEETING, **M. I. T.** TODAY.

N. B.—Do not let this ticket be seen by, or get into the hands of a Sophomore.

THE crafty men of '95 declared they would not stand,
The roystering antics which their friends the enemy had planned;
They tried a novel trick, it worked and blocked off '94,
Who, though they raved and tore their hair, remained outside the door.

PROF. C. FRANK ALL-N. explaining a figure on the black board —— Sw--t,— "Is the line A. B. a tangent?"

PROF. C. FRANK ALL-N .- " No, simply a straight curve."

In his sophomore year, N-bl-t, '93 was asked his opinion in the matter of class canes? "Say, Joe, what do you think of having a class cane?" "Oh, I don't think much of that scheme; I never carry a cane."

SUBSCRIPTION AGENT .- "Will you give me 25 cents for the foot ball team?"

M-LL-R. '95.-" It is a matter that requires consideration; call around in half an hour."

S. A. (later) .- "Well, what have you decided?"

M-LL-R,-" I deem it unwise to subscribe for foot ball."

SAID the half-back to the football As they by the end-man flew; "If they catch me and I'm tackled, I'll be ever down on you."

But the foot ball smiled and chuckled When they 'neath the cross bar sped; It's a goal day when I'm left now," Was the answer that he said.

FIRST CHAPPY.—"I say, Chawlie, I only got a 'P' on my lawst plate, don't cher know."

SECOND DITTO.— "Gracious goodness! Ow did it ever happen, Fweddie, me boy?" F. C.— "Why, Mr. Burwison said that it was weally to Fauncy."

THE THIRD DAY OF SCHOOL.

INSTRUCTOR.—"Prof. Pe-b-dy, do you know how many freshmen there are this year?"

PROF. P .- " No, I don't; do you?"

INSTRUCTOR.—" No; but one of the clerks said that she thought from the number that had been in the office that there must be about three thousand."

PROF. P. (deprecatingly) .- "Oh no, there can scarcely be so many as that."

A FIVER for the foot ball team, A two subscribed for "Tech," And several more subscription lists Make one financial wreck. INQUIRING FRESHMAN.—" Is not this man coming up the street Mr. R-y H-m-lt-n B--tt-e?"

JUNIOR .- "The same."

I. F.—" How much time does the Faculty allow Mr. R-y H-m-lt-n B--tt-e to consume in going from one building to another?"

JUNIOR .- "Thirty minutes, I believe?"

I. F.—" He is engaged, possibly, in working out his next contribution for 'Tech'."

JUNIOR.—" Ah no, my friend, Mr. R-y H-m-lt-n B--tt-e does not write; he only lets them use his name so that the paper will sell."

"You see, gentlemen," said Mr. B-rdw-ll, "An explosion is in reality a sudden expansion followed by a sudden contraction, the interval between them being so small that the ear cannot distinguish the two sounds. As an instance, I may cite the case of a man who was blown thirty feet and came right back." Here the speaker paused for the inevitable sensation, and an irreverent youth in a rear seat called out: "He was blown straight up into the air, wasn't he?"

ORANGE AND BLACK — '93'S COLORS.

SILVER AND BLUE — '94'S COLORS.

'94 was to have a class dinner At a hostelry over the way. The committee on sundries decided Upon menus of azure and gray.

In the cut you may see how a couple Of the cutest of '93's men, Played a joke, with a light combination Of strategy, sand, and a X.

Many moons have grown old since this happened; But let any one mention this blot On its hitherto spotless escutcheon, '94 changes color. Why not?



- "WHEN found, make a note of it."-R-ch-rds-n.
- "In nothing they're accounted sharp."- The Sophs.
- "HE an undevout astrologer is made."-F-rw-ll.
- "MODEST as a vestal virgin's eye."-G-tzm-nn.
- "FOR I am nothing if not critical."-" The Tech."
- "THE empty vessel makes the greatest sound."-P-w-rs, '95.
- "THOU are too dear for my possessing."-H.
- "THE boy is fair, of female favor."-Cl-ment, '94.
- "Who dares this pair of boots displace." Sw-n.
- "DEAR creatures, we can't live without 'em."-Lunch Room Girls.
- "How like a fawing Publican he looks."-F. C. Gr -- n.
- "HIS mien is lofty, his demeanor great."-G-ppy.
- "MISERY acquaints a man with strange bed-fellows."—P-rmly and the Window Shutter.
 - " A RIGHT smart man from down yonder."-St-pl-s.
 - "SHE smiles, I fain must smile on her."- The Cowles Girl,
 - "THERE, none are swept by cruel fate away."-Harvard.
 - "WHAT have we here, a man or a fish?" Wh-t-ng.
 - "AND passing rich with forty pounds a year."-Assistant.
 - "WHOSE light seemed not of moon or sun."-Cr-ss.
 - "THE rest to some faint meaning make pretense."-Heat.
 - "ANGELS are painted fair to look like you." Coeds.
 - "How far that little candle sheds its beams." R-yn-lds.
 - "THOU hads't some means to keep a dog." P-yne and H-wl-nd.

- "THE loud laugh that spoke the vacant mind." O. F. S-g-r.
- "FOR e'en though vanquished he could argue still." M-th-ws.
- "HIS equal lives not; thank God for that."- F-tz.
- "Yon Cassius has a lean and hungry look."- E. C. H-ll.
- "FOR ane we'll get better, its waur we'll get ten." F. P. Em-ry,
- "A LION among ladies is a most dreadful thing." C-rt-n '92.
- "THE fashion wears out more apparel than this man." L-v-rm-re.
- "WHAT a blunt fellow is this grown to be." -- D-na.
- "THIS man is wise enough to play the fool."-Est-, '02,
- "STAND ho, yet are we masters of the field "- '93.
- "AND whistled as he went for lack of thought," Dr-ss-r.
- "FAIN would I climb but that I fear to fall." '95 at the Pole.
- "MUCH may be made of a Scotchman if caught young."— R-b-rts-n, '92 Caught young. W-s-n, '93 Catch him.
 - "THE glass of fashion and the mould of form." Wh-tm-n.
 - "HE knew not what to say, and so he swore." J. C. Br-wn.
 - "I THINK, and there are some others who think also." H-nch-tt.
 - "THEN he will talk good gods! how he will talk." C-rv-lho.
 - "O, How full of briars is this working-day world." C. M. S -- rs.
 - "I WILL be with you in the squeezing of a lemon." D-x-n.
 - "IT is silly sooth and dallies with the innocence of love." H-wl-nd.
 - "TELL him his pranks have been too broad to bear with." H-wl-y.
- "LIKE the conversation of ducks, nothing but wah, wah, wah, wah." Naval Architects.

"WHOSE sore task Does not divide the Sunday from the week."— The Grind.

"My spirits grow dull and I would fain beguile the tedious day with sleep."— H-II, '03.

"What we know here is very little, but what we are ignorant of is immense."— Sk-nn-r, '92.

- "THE same stale viands served up o'er and o'er, The stomach nauseates.'— Priests' Café.
- "I'LL put a girdle round the earth In forty minutes."— N-tt-r.
- " As proper a man as one shall see On a summer's afternoon."
- "My wanton thoughts enticed mine eye
 To see what was forbidden." The Cribber.
- "ONE little hour of joy to me, Is worth a dull eternity."—L-ne.
- "HER voice was ever soft, gentle, and low, An excellent thing in woman."— The Bird.
- "I'M seventeen years and five feet nine,
 I'll go and be a sodger."— G.g.-r. '95.
- "YE'RE but a pack of traitor louns, Ye'll do no good at a'."—'94.
- "NEVER any marvellous story, But himself could tell a greater."— G. H. m-y.
- "MY only books were woman's looks,
 And folly's all they've taught me."— B-xby, '95.
- "HIS accents fell as evening echoes fall, Each word as gentle and as musical."—Cl-rke, '94

[&]quot;REMEMBER the divine saying: 'He that keepeth his mouth, keepeth his life.'"— Gr-m-s, '92.

- "SARCASMS may eclipse thine own,
 But cannot blur my lost renown."— V-rce.
- "FOR close designs and crooked counsels fit, Sagacious, bold, and turbulent of wit."— O. All-n.
- "STILL more fool shall I appear,
 By the time I linger here."— A-k-n, '94.
- "LIKE the worthy of Uz, Heaven prospered his piety,
 The leader of every religious society."—St-se.
- "THOSE who in quarrels interpose,

 Must often wipe a bloody nose."— The Police at the Drills.
- "AMONG a crowd roystering fellows,
 Would sit whole evenings at an ale house."— G. M. M-tch-ll.
- "WITH every change his features played, As aspens show the light and shade."— D-m-nd.
- "PURE and undisturbed, alone,
 The upper world is all his own."—Free Hand Ad-ms.
- "THAT day, a child might understand,
 The deil had business on his hand."—'04 Semi-Annual Drill.
- "SHRINE of the mighty can it be,
 That this is all remains of thee."—Course VIII.
- "How blest should we be, have I ever conceived,
 Had we really achieved what we nearly achieved."—P.
- "Ay me, what perils do environ
 The man that meddles with hot iron,"—Shop,
- "BUT here our authors make a doubt,
 Whether he was more wise or stout,"—H-sk-ll,
- "An idler is a watch which wants both hands, As useless when he goes as when he stands."—J. B. H-nck.
- "To those who know thee not, no words can paint,
 And those who know thee, know all words are faint."—B-rne, '92.
- "MANY the souls that sped, Many the hearts that bled, By our stern orders."—Faculty.

- "FULL well they laughed in counterfeited glee
 At all his jokes, for many a joke had he."—L-nsa.
- "How well to rise while nights and larks are flying, For my part getting up seems not so easy By half as lying!"—H-rv-y.
- "Seldom he smiles and smiles in such a sort,
 As if he mocked himself, and scorned his spirit
 That could be moved to smile at anything."—F--nce.

"LET there be no inscription on my tomb; let no man write my epitaph; no man can write my epitaph."—M. W-rn-r.

- "THE time I've lost in wooing,
 In watching and pursuing;
 The light that lies in woman's eyes,
 Has been my heart's undoing."—A. W. Sh-rtl-ff.
- "MIRACLES our champions wrought,
 Who, their dying deeds shall tell?
 O, how gloriously they fought,
 How triumphantly they fell."— Foot Ball Team.



Evolution of the Tuning-Fork.



Graduate Students.

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VILLA, VICENTE BENEDITO, B. S., St. John's College.			296 Columbus Ave.
WALKER, GEORGE LOUNSBURY, B. S., . University of the City of New York.	83	New York, N. Y	50 Union Park.
WALLBERG, EMIL A., C. E., State University of Iowa.	ě,	Clinton, Iowa,	6 St. Charles St.
Westcott, Frank Thomas, Ph. B., . Brown University.		Hopedale,	30 Worcester Sq.
WHITAKER, SAMUEL EDGAR, A. B., . Boston University.	÷	Lynn,	Lynn.



Senior Class.

COURSE I .- Civil Engineering.

Name.	Home.	Residence.
*Buchholz, Charles Egmont,	Hempstead, N. Y	35 St. James Ave.
COGSWELL, CHARLES PERKINS, JR., .	Norwich, Conn.,	238 Huntington Ave.
CURTIN, JOHN ANDREW,	Roxbury,	19 Waumbeck St., R.
Dana, Gorham,	Dorchester,	34 Glendale St., D.
DAVIS, CARLETON EMERSON,	Newton Centre,	26 St. James Ave.
DE BULLET, JOHN CHARLES EUGENE,	Baltimore, Md.,	Hotel Brunswick.
*Dodge, Samuel Douglass,	Arlington,	Arlington.
DOUGLASS, WALTER BAILEY,	Lowell,	Lowell.
*GOETZMAN, ALBERT LEE,	Boone, Iowa,	149 Worcester St.
GREEN, WILLIAM WILCOX,	Blue Island, Ill.,	310 Columbus Ave.
HARWOOD, HARRY ADAMS,	Medfield,	Medfield.
*HOWARD, FRANK W.,	Hyde Park,	Hyde Park.
*HOWLAND, FRANK SEAMAN,	Athens, N. Y.,	166 W. Springfield St.
Lee, Elisha, Jr.,	Port of Spain, Trin.,	20 St. James Ave.
*Look, Moses Jerome	Boston,	II Harwich St.
LYON, JOSEPH PALMER,	Hanover, Conn.,	385 Columbus Ave.
MANLEY, LAURENCE BRADFORD,	West Roxbury,	West Roxbury.
METCALF, LEONARD,	Cambridge,	Cambridge.
MORRILL, ASA HALL,	Neponset,	2 High St., N.
*Newman, Andrew Parker, Jr., .	Roxbury,	19 Montrose St., R.
*NORRIS, WALTER HENRY,	Melrose,	Melrose.
OBER, ARTHUR JOSEPH,	West Medford,	West Medford.
Otis, Hamilton,	San Francisco, Cal., .	41 Rutland Sq.
PARASCHOS, NICOLAS THEOPHANES, .	Constantinople, Turkey,	453 Beacon St.
Pope, Macy Stanton,	E. Machias, Me.,	5 Pelham St.
PRATT, DANA MOORE,	So. Hanson,	So. Hanson.
ROBERTS, HAROLD BARNES, S. B	Boston,	8t Mt. Vernon St.
ROWELL, GEORGE FREEMAN,	Peabody,	Peabody.
SARGENT, ALBERT FRANCIS, JR.,	Malden,	Malden.
SAUNDERS, ROBERT THOMSON,	Tacoma, Wash.,	130 W. Concord St.
SHERMAN, LEROY KEMPTON,	Chicago, Ill.,	138 Concord St.
THALHEIMER, WILLIAM COOLIDGE, .	Cincinnati, Ohio,	Newton Centre.
*Wallberg, Emil A., C. E.,	Clinton, Iowa,	6 St. Charles St.
*Warren, Joseph Adams,	Cumberland Mills, Me.,	67 Mt. Vernon St.
WARREN, WILLIAM,	Brighton,	33 Chestnut Hill Ave., B.
WESTCOTT, FRANK THOMAS, Ph. B.,	Hopedale,	30 Worcester Sq.
WILLIAMS, HARRY NYE,	Cleveland, Ohio,	220 W, Chester Park,
	ignifies Special Student.	

COURSE II .- Mechanical Engineering.

Name.	Home,	Residence.
ADAMS, WILLIAM LINVILLE,	East Boston,	III Eutaw St., E. B.
*Beaman, Samuel Noyes,	Wayland,	Wayland.
BOURNE, PHILLIPS PAYSON,	Foxboro',	Foxboro'.
BOWEN, STEPHEN,	Roxbury,	255 Warren St., R.
BURNHAM, HARRY ATWOOD,	Waltham,	Waltham.
CATER, DOUGLAS AYMAR,	New York, N. Y.,	78 Huntington Ave.
COLBY, JOHN MASON, JR.,	East Boston,	117 Trenton St., E. B.
DADMUN, GEORGE ESTABROOK, A. B.,	Philadelphia, Pa.,	13 Arlington St.
DRESSER, HENRY CHESTER,	Southbridge,	19 Concord Sq.
ELY, SUMNER BOYER,	New York, N. Y.,	349 Columbus Ave.
*FITZ, CHARLES FREDERICK, JR., .	Watertown,	Watertown.
*Frisbie, Walter Levi,	Waterbury, Conn.,	234 W. Canton St.
FULLER, CHARLES EDWARD,	Wellesley,	Wellesley.
GILMORE, HOWARD,	No. Easton,	No. Easton.
GOODELL, GEORGE HASKELL,	Salem,	Salem.
*GOTTLIEB, ALBERT SAMUEL,	Brooklyn, N. Y.,	4 Oxford Terrace.
*Gregory, Harold,	Chicago, Ill.,	Cambridge.
HALL, EDWARD CHILDS, JR.,	Watertown,	Watertown.
JOHNSTON, WILLIAM ATKINSON,	Belmont,	Belmont.
KALES, WILLIAM ROBERT,	Chicago, Ill.,	220 W. Chester Park.
*Kraft, Elmer Philip,	Red Bluff, Cal.,	137 W. Newton St.
MARCY, WILLARD ADNA,	Newton Up. Falls,	Newton Up Falls.
Messenger, William Henry,	East Boston,	286 Princeton St., E. B.
NEWKIRK, WALTER MATTHEW,	Newark, Ohio,	1 Yarmouth St.
*Nutter, Charles Latham,	E. Bridgewater,	467 Columbus Ave.
*PARK, CHARLES FRANCIS,	Taunton,	Taunton.
Parrish, James Scott,	Richmond, Va.,	220 W. Chester Park.
Perry, John Cranston,	Providence, R. I.,	243 W. Canton St.
ROBERTSON, ANDREW ROBERT,	Glasgow, Scotland, .	238 Huntington Ave.
ROSEWATER, WILLIAM MARCUS,	Cleveland, Ohio,	117 Appleton St.
RUGGLES, HORACE FOWLE,	Boston,	
SAGER, OSCAR FRANK,	Charlestown,	
*Sears, Charles Maxwell,	Boston,	
SUTTON, STANSBURY,	Allegheny, Pa.,	
TIDD, WINTHROP LOWE,	Taunton,	
Trowbridge, Walter Bacon,		
*Wallace, Frederic Appleton, .		
WARNER, MURRAY,	St. John, N. B.,	
Wells, Edward Castle,	Quincy, Ill.,	49 Rutland Sq.

COURSE III. - Mining Engineering.

*HARVEY, FREDERICK HILL,	30	Galt, Cal.,		*	*	6 Rutland Sq.
HUTCHINSON, WILLIAM SPENCER,		Mattapan,				44 Morton St., M.
Star ((*) s	signifies Special	Sti	ider	nt.	

Course III .- Continued.

Name.	Home.	Residence,
PARKES, HARRY CHARLES,	Chicago, Ill.,	104 Pembroke St.
*Perez, Faustino Apolonio,	Parras-Cohahuila, Mex.,	III Pembroke St
RANLETT, ARTHUR GROVER,	San Francisco, Cal., .	49 Rutland Sq.
SWEETSER, RALPH HAVES,	Portsmouth, N. H.,	382 Longwood Ave., R.
VAILLANT, GEORGE WIGHTMAN	New York, N. Y.,	17 Blagden St.
WENTWORTH, CHARLES T.,	Roxbury,	46 Sherman St., R.

COURSE IV .- Erchitecture.

*Andrews, George W.,	Cleveland, Ohio, .	. 114 Chandler St.
*DAVIS, FRED IRWIN,	East Boston,	. 191 Trenton St., E. B.
DENNETT, WILLIAM HARTLEY,	Saco, Me.,	. 58 Chester Sq.
FELAND, LOGAN,	Owensboro', Ky., .	. 20 Chester Park.
FRANCIS, FREDERICK LEIGHTON, .		. 234 W. Canton St.
GILL, EDWARD PADDINGTON,		
HOPKINS, PRESCOTT ANDREWS,	Newburyport,	
INGRAHAM, GEORGE HUNT,	New Bedford,	. Milton.
KOCH, ARMAND DAVID,		
*MUHLENBURG, CHARLES HENRY, .	Reading, Pa.,	. 220 W. Chester Park.
NEWMAN, FRANK EATON,	Plainfield, N. J., .	. 32 Union Park.
PERKINS, FRANK EDSON,	Boston,	. 14 Appleton St.
PULSIFER, LOUIS WARREN, A. B., .		200 - 1 1 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2
SKINNER, THEODORE HOBART,	Wellesley,	. Wellesley.
TAYLOR, ROBERT ROBINSON,	Wilmington, N. C.,	. 367 Northampton St.
*Tucker, Ross Francis,	E. Oakland, Cal., .	. 58 Chester Sq.
VINING, JOHN FRANKLIN,	So. Weymouth,	. So, Weymouth.
*WHITMAN, EDWARD PAYSON,		
Yoerg, Frank,	St. Paul, Minn., .	. 112 Pembroke St.

COURSE V .- Chemistry.

CHURCH, ALBERT KINGSLEY, .	30	20	Lawrence, .	**		0	114 Chandler St.
ELDRIDGE, GEORGE FREDERIC,			Hyde Park, .				Hyde Park.
GRIMES, CHARLES BROWNING, .			East Boston, .				6 Marion St., E. B.
MAY, GEORGE HENRY,	*		Newton Centre,			4	Newton Centre.
MILLER, LILLY,	+3	6	Charlestown, .				26 Monument Ave., C.
MOODY, HERBERT RAYMOND, .			Chelsea,				Chelsea.
*SMITH, ARTHUR C.,			Boston,				214 Columbus Ave.
*WALKER, CHARLES RICHARD,			Cambridgeport,		100	4	Cambridgeport.
*Woffindale, Warren Herbe	RТ,	0.0	Charlestown, .				257 Bunker Hill St., C.

COURSE VI .- Electrical Engineering.

BEAL, CHARLES ALSTON, .		Abington,		3.0	 Abington.
BIGELOW, CHARLES HUDSON,		Salem,	-		Salem.

COURSE VI .- Continued.

Name.	Home.	Residence.
BURBANK, PHILIP MOUNTFORT,	Waltham,	Waltham.
BURNHAM, CHARLES MORTON,	Waltham,	Waltham.
CHASE, CHARLES HARRIS,	Stoneham,	Stoneham.
CODY, LEWIS PHILIP,	Grand Rapids, Mich., .	113 Chandler St.
CRANE, JOSHUA, JR., A. B.,	Brookline,	Brookline.
CREDEN, THOMAS HAROLD,	So. Boston,	940 Broadway, S. B.
DERR, LOUIS, B. A.,	Pottsville, Pa.,	10 Columbus Sq.
DU BOIS, BARRON POTTER,	Bridgeton, N. J.,	113 Chandler St.
*ESTY, WILLIAM, B. A.,	Amherst,	10 Columbus Sq.
FISKE, HENRY ANTHONY, S. B.,	Roxbury,	50 Elmore St., R.
FORBES, HOWARD CARLETON, S. B.,	Roxbury,	96 Elm Hill Ave., R.
FRENCH, EDWARD RUTLEDGE,	Waterbury, Conn	69 Chandler St.
*GAMBLE, WILLIAM BENT,	Detroit, Mich.,	8 St. James Ave.
GRAY, WILLIAM PALMER,	Richmond, Va.,	115 St. Botolph St.
HAWLEY, GEORGE BURTON,	Hartford, Conn.,	314 Columbus Ave.
HEYWOOD, ALBERT SAMUEL,	Worcester,	149 Worcester St.
*HILLIARD, JOHN DUNLAP, JR.,	Provincetown,	28 Dwight St.
Holmes, George Alfred, S. B., .	Newton Centre,	Newton Centre.
Hoxie, Frederick Jerome,	Phoenix, R. I.,	385 Columbus Ave.
Jacobs, Arthur Lincoln,	Melrose Highlands, .	Melrose Highlands.
KENDALL, WILLIAM ROY,	Kansas City, Mo.,	I Yarmouth St.
LANE, WILLIAM HOMER,	Medford,	Medford.
*Lukes, George Holt,	Boston,	Hotel Elsmere.
LUKES, JOSEPH BRYAN,	Racine, Wis.,	Hotel Elsmere.
*Maltby, Margaret Eliza, B.A., S.B.		Wellesley.
Mansfield, Richard Herbert, Jr.,	Lynn,	Lynn.
McCaw, Wallace Eugene,	Macon, Ga.,	115 St. Botolph St.
MILLER, HERBERT STANLEY,	Elizabeth, N. J.,	152 W. Newton St.
NORTON, FRED ELMER, S. B.,	Little Rock, Ark.,	80 Pinckney St.
PHILLIPS, HENRY MORTON,	Wrentham,	298 Columbus Ave.
PIERCE, ARTHUR GILBERT,	East Boston,	26 Bremen St., E. B.
PIERCE, ARTHUR WOODBURY,	Bardezag, Turkey,	Auburndale.
RHODES, FREDERICK LELAND,	Winchester,	Winchester.
ROBINSON, DWIGHT PARKER, A. B., .	Wareham,	Cambridge.
SACKETT, WARD MYRON, C. E.,	Meadville, Pa.,	45 Warren Ave.
SAGE, HENRY JUDSON, A. B	Cincinnati, Ohio,	89 Charles St.
SHUTE, HARRY DAMON,	Boston,	137 Newbury St.
SPAULDING, HENRY PLYMPTON,	Newton,	Newton.
WALES, THOMAS CRANE, JR.,	Boston,	229 Chester Park.
WALLACE, CHARLES FREDERICK,	Roxbury,	62 Forest St., R.
WATERMAN, CHARLES CLARENCE, .	Charlestown,	80 Green St., C.
WEBB, HARRY STORRS,	Cincinnati, Ohio,	218 W. Newton St.

COURSE VII - JBiology.

Name.				Home.		Residence.
BECKLER, ALICE HOOPER, .	4	20		So. Boston,		590 E. 7th St., S. B.
Brown, Bertha Millard,	2		Č.	Roxbury,	1	16 Holburn St., R.
Burrage, Severance,				West Newton,	14	West Newton.
*CARD, HUBER DAVID,						
DODD, MARGARET ELIOT, .	00	83		Roxbury,	16	43 Moreland St, R.
*FREEMAN, HARRIET ELIZABI	ЕТН			Boston,	*	37 Union Park.
MATHEWS, ALBERT PRESCOTT				So. Evanston, Ill., .		708 Tremont St.
WORTHINGTON, ARTHUR MOI	RTO	N,		Dedham,		Dedham.

COURSE VIII. - Physics.

Wendell, George Vincent, . . . Cambridgeport, . . . Cambridgeport.

COURSE IX. - General Studies.

CLOGHER, ARTHUR WILLIAM,		Dedham,	Dedham.
DE CARVALLIO, RAUL REZENDE, .	6	Rio de Janeiro, Brazil,	94 Huntington Ave.
FRENCH, ALLEN,	,	Boston,	200 Commonwealth Ave.
HOLMES, FRANCIS CLINTON,		Plymouth,	17 Oakdale St., J. P.
HOWLAND, FREDERICK HOPPIN, .			
*Morse, George Albert, B. A.,		Salem,	Salem.
SELFRIDGE, RUSSELL,			
*TALLANT, GEORGE PAYNE,			
Waterman, Richard, Jr.,		Chicago, Ill.,	275 Newbury St.

COURSE X .- Chemical Engineering.

BURNHAM, GUY JOHNSTON, .	ė:	-0	Gloucester, 32 Gardner St., A.
			Natick, Natick.
			Ipswich, Danversport.
			Norwich, Conn., , . 1 Yarmouth St.

COURSE XI .- Sanitary Engineering.

CHASE, RICHARD DAVENPORT, .	New Bedford, 112 Chandler St.
LOCKE, WILLIAM WILLARD,	 Lockeford, Cal., 298 Columbus Ave.
MANAHAN, ELMER GOVE,	Lawrence, Lawrence.
	Newburyport, Newburyport.
SHEPHERD, FRANK CUMMINGS, .	Gloucester, 93 Appleton St.
	Malden, Malden.

Japior Class.

COURSE I. - Civil Engineering.

Name.	Home.	Residence.
Adams, Frank William,	Newtonville,	Newtonville.
BADGER, FRANK SIDNEY,	Wellesley Hills,	Wellesley Hills.
BARNES, WILLIAM THOMAS,	South Boston,	773 Broadway, S. B.
BEATTIE, ROY HAMILTON,	Fall River,	6 Louisburg Sq.
Bemis, Albert Farwell,	Colorado Springs, Col.	116 Huntington Ave.
Brown, Charles Custer,	Waltham,	Waltham.
BRYANT, ERNEST CALVIN, S. B.,	Manchester, N. H.,	151 Worcester St.
BURKE, JOHN RYAN,	East Boston,	119 Webster St., E. B.
CLAPP, WILFRED ATHERTON,	South Boston,	104 F St., S. B.
DARROW, COURTLAND ROGERS,	New London, Conn.,	110 Chandler St.
EMERY, JAMES ALBERT,	Haverhill,	69 Appleton St.
FAY, FREDERIC HAROLD,	Marlboro',	154 W. Concord St.
*HALLIBURTON, WESLEY, E. B.,	De Witt, Ark.,	122 W. Newton St.
HOUCK, WILLIAM GABRIEL,	Buffalo, N. Y.,	314 W. Chester Park.
*Howe, Josiah Wilder,	New Haven, Conn., .	154 W. Concord St.
*JOHNSON, CHARLES HERBERT,	Jamaica Plain,	494 Centre St., J. P.
KNOWLTON, WILLIS TAYLOR,	Malden,	Malden.
*KNUSDEN, AUGUSTUS FRANCIS,	Kanai, H. I.,	Cambridge.
LAMBERT, WALLIS CORLISS,	Lowell,	56 Clarendon St.
Lynch, Patrick Maurice,	Holyoke,	III Pembroke St.
*MIRICK, GEORGE LANDON,	Everett,	Everett.
MORRILL, HARLEY WINDLOW,	Neponset,	2 High St., N.
Morse, Charles Francis,	Milford, N. H.,	41 Union Park,
*Nelson, James Marston, B. S., C. E.,	Grand Rapids, Mich.,	2 St. James Ave.
PARKS, OREN ELISHA,	Westfield,	I Yarmouth St.
PATCH, WALTER WOODBURY,	Roxbury,	18 Savin St., R.
SKINNER, FENWICK FENTON,	Boston,	2849 Washington St.
SMITH, FREDERICK DEXTER,	So. Framingham,	So. Framingham.
SPOFFORD, CHARLES MILTON,	Georgetown,	Georgetown.
STOSE, GEORGE WILLIS,	Pasadena, Cal.,	92 Chandler St.
SWANTON, WALTER IRVING,	Gardiner, Me.,	Chelsea.
SWEET, KILBURN SMITH,	Kenduskeag, Me., .	57 Chandler St.
TOROSSIAN, TOROS HORHANES, B. A.,	Rustchuk, Bulgaria, .	613 Tremont St.
WALDRON, SAMUEL PAYSON,	Lancaster, N. H.,	Somerville,

COURSE II. - Mechanical Engineering.

Name.			Home.	Residence.
ALDEN, HERBERT WATSON,			Plymouth, N. H.,	32 Union Park.
*Ashton, Franklin George,		٠	Somerville,	Somerville,
Baker, Frederic Wallace,	2	10	Norfolk, Va,	507 Columbus Ave.
BARBOUR, MINARD TOWNSEND, .			Chicago, Ill.,	402 Columbus Ave.
*Barstow, George Edward,			Lynn,	Lynn.
*Belden, Richard Edwin,	4	$L^{r_{i}}$	New London, Conn., .	7 Union P'k.
Blake, Edmund Enos,		33	Newton,	Newton.
Breed, Stephen Alec,			Lynn,	Lynn.
*Brooks, Warren Everett,		+	Boston,	Grand Hotel.
*Calkins, Leighton, A. B.,		9	Newton,	Newton.
CARNEY, EDWARD BULLARD,		-	Lowell,	Lowell.
Coggin, Frederick Griswold, .			Lake Linden, Mich., .	Brookline.
CRAIGHILL, NATHANIEL RUTHERFOR	D,		Charleston, W. Va., .	217 W. Canton St.
*Crosby, William Wyman,	383	4	Woburn,	Woburn.
DAWES, HERBERT NATHAN,			Chelsea,	Chelsea.
DAY, PHILIP BALDWIN,			Charlestown,	Navy Yard, C.
*Duncan, Robert Jones,		4.5	Englewood, N. F.,	94 Huntington Ave.
GORHAM, MARVINE,		40	Buffalo, N. Y.,	102 Mt. Vernon St.
*GARDNER, JOHN HOWLAND,			New London, Conn., .	4 Union Park.
*GOODCHAUX, JULES,			New Orleans, La., .	162 Huntington Ave.
*GUPPY, GEORGE,	1	80	Paterson, N. J.,	Norfolk House, R.
HAGAR, EDWARD MCKIM,			Chicago, Ill.,	14 Gordon St., J. P.
*Hawes, George Mason,			Fall River,	130 Pembroke St.
	4		Holyoke,	144 W. Newton St.
KENDAL, ALBERT LINCOLN,			Framingham,	Framingham.
KENISON, ERVIN,			Chelsea,	Chelsea.
KEYES, FREDERIC HALE,			Newtonville,	Newtonville.
LANE, GEORGE H. THOMAS,		13	Norwood, Ohio,	84 Pinckney St.
LATHAM, HARRY MILTON,			Stoneham,	Stoneham.
LOGAN, JOHN WOOD,			Bala, Pa.,	33 Yarmouth St.
*MEAD, PERCY WINTHROP,		4	Norwalk, Conn.,	8 St. James Ave.
			New Glasgow, N. S.,	27 Holyoke St.
			Warren,	85 W. Rutland Sq.
*PAINE, CECIL ERIC,			Portland, Me.,	III Pembroke St.
PARCE, JOSEPH, YALE, JR.,	ä		De Land, Fla.,	91 Waltham St.
			Oceanic, N. J.,	III Pembroke St.
PHILLIPS, HARRY MILO,			Keokuk, Iowa,	130 Huntington Ave.
REYNOLDS, ROBERT DUNCAN,			Jamaica Plain,	45 Orchard St., J. P.
E E E			Oak Park, Ill.,	14 Gordon St.
[보고 : 100 :		, e.,	Providence, R. I.,	202 Dartmouth St.
SHURTLEFF, ARTHUR ASAHEL,	. 0	0.0	Boston,	9 W. Cedar St.
Speer, James Ramsey,			Pittsburgh, Pa.,	22 St. James Ave.
*STANWOOD, HERBERT WINTHROP,		į.	Brookline,	Brookline.
			G - Ci-1 G - 1i	2- OVERHING

Course II .- Continued.

Name.	Home.	Residence.
TAYLOR, CHARLES MALCOLM,	Chelsea,	Chelsea.
TOMFOHRDE, JOHN FREDERIC,	Charlestown,	24 Mt. Vernon St.
TOWNE, FREDERICK TALLMADGE,	Stamford, Conn	6 Louisburg Sq.
*Wadsworth, James Stevenson,	Malden,	Malden.
*Walker, Amasa,	No. Brookfield,	58 W. Canton St.
WILSON, HARRY COLBY,	Nahant,	Nahant
*WINGATE, EDWARD LAWRENCE,	Malden,	Malden.
Woods, Henry Tyler	Somerville,	Somerville.

COURSE III. - Mining Engineering.

Albee, Orton Wheelock,		Marlboro', . , . Marlboro.
Anthony, John Gould,	,	Cincinnati, Ohio, 36 Union Park.
*BOYD, JAMES CHURCHILL,		Jamaica Plain, Centre Street, J. P.
*BROCKNNIER, SAMUEL HUGH,	3.	Wheeling, W. Va., 58 Chester Sq.
Brown, Glenn Charles,		Tower, Minn., 15 St. James Ave.
DEMOND, CHARLES DENNY,		East Boston, 166 Webster St., E. B.
HALL, ALBERT PERCIVAL,	1	Chicago, Ill., 8 St. James Ave.
*PAYNE, ALBERT BRONSON, JR.,		Nashville, Tenn., . 35 St. James Ave.
RAYMOND, EDWARD LINCOLN, A. B.,		Roxbury, 58 Berkeley St.
TUCKER, WILLIAM ALFRED,		Roxbury, 55 Waverley St., R.

COURSE IV .- Architecture.

0001102		ALL STREET, CONTRACTOR OF THE STREET, CONTRA
*Bartlett, Herbert Warren,		No. Weymouth.
*Baumann, Edward Steinhauer,		101 Pinckney St.
BISCOE, MAURICE BIGELOW,	. Westboro',	199 W. Newton St.
*Bradley, Arthur Willson, Jr.,	Newport, Ky.,	78 Montgomery St.
*Bumstead, Barton Dale,	Colorado Springs, Col.	228 W. Canton St.
*BURTT, ARTHUR MORTON,	Lowell,	Lowell.
*Clapp, John Cotton, Jr.,		729 E. 4th St., S. B.
*CLARKE, PRESCOTT ORLOFF,		24 Kenilworth St.
COX, FREDERICK EDWARD,	St. Louis, Mo.,	80 Huntington Ave.
*Davis, Herbert E.,	Newark, N. J.,	670 Tremont St., E. B.
*Dertering, Charles H.,		190 W. Canton St.
*Dufort, Cajetan Joseph,	. Montreal, Canada, .	13 Union Park.
*Evans, William Eugene,	. Jamaica Plain,	South St., J. P.
*FITTS, FREDERICK WHITNEY,	. Somerville,	Somerville.
*GARLICHS, CHARLES FREDERICK,	. Washington, D. C	61 Dartmouth St.
*GATES, FRANK C.,	. Denver, Col.,	112 Pembroke St.
*GORE, HENRY WATSON, JR.,	. Roxbury,	331 Warren St., R.
*GRAVES, WILLIAM HAGERMAN, B. S.,	Milwaukee, Wis	4 Spruce St.
*HIGHT, FRANCIS WILLIAM,	Portland, Me.,	101 Pinckeney St.
HILL, WILLIAM REED,		Milton.
*Holmes, Alexander, A. B.,		387 Boylston St.
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COURSE IV .- Continued.

Name.		Home,	Residence.
*Hunt, Myron Hubbard,		Terre Haute, Ind.,	101 Pinckney St.
*KLIPSTEIN, ERNEST C.,	-6	St. Louis, Mo.,	92 Worcester St.
*LAWTON, JOSEPH ALISON,		Charleston, S. C.,	664 Tremont St.
*McKenzie, Donald Neil,		Dover, N. H.,	708 Tremont St.
*Meyer, Gustav Julius,		Cincinnati, Ohio,	130 Pembroke St.
PARKER, EDWIN MASON,			W. Action.
*Perkins, George Batcheller,		Boston,	387 Beacon St.
*Ropes, George Hardy,		Portland, Ore.,	13 Union Park.
*Rosenheim, Samuel Faisst,		St. Louis, Mo.,	7 Holyoke St.
*SARGENT, HOWARD RANKIN,		Newburyport,	Newburyport.
*SAWYER, CHARLES WINTHROP,		Dorchester,	41 Humphreys St., D.
*SIMONDS, FREDERIC POND,		Salem,	Salem.
*SHARPE, THOMAS MCKNIGHT,	S.W.	Shelbyville, Tenn., .	54 Berkeley St.
*Snow, Frank,		Cambridge,	Cambridge.
*Stock, August C.,		St. Louis, Mo	29 St. James Ave.
*THORNDIKE, HARRY HILL, A. B., .		Boston,	175 Marlboro' St.
*TURNER, ALFRED COPELAND,		Cambridge,	Cambridge.
*TUTTLE, RENEL CROMPTON,		Windsor, Conn.,	Exeter Chambers.
WATERMAN, HARRY CUSHING,		Hanover,	Hanover,
*WEEKS, HARRY ELLIS,		Pittsfield,	21 Claremont Park.
*WADINGER, ALBERT ERNEST,		Brooklyn, N. Y.,	234 W. Canton St.
*WHITE, JOHN STAFFORD,		Chicago, Ill.,	308 Newbury St.
*Woltersdorf, Arthur Fred,		Chicago, Ill.,	114 Chandler St.
*Woollett, William Lee,		Albany, N. Y.,	309 Huntington Ave.

COURSE V .- Chemistry.

*BAXTER, JESSE BUNTON, .				٠.	East Milton, East Milton.
DILLON, FREDERICK NATHAN,					Fitchburg, 153 W. Newton St.
FORBES, FRED BETTINSON, .		į.			E. Cambridge, East Cambridge.
GAYLORD, WALLACE KENDALL	,				Wellesley, Wellesley.
Jackson, Daniel Dana, .					Lanesville, Newtonville,
					East Boston, 56 Tremont St., E. B.
JAMESON, ARTHUR HUGH, .			100	4	Woburn, 109 Chandler St.
					E. Bridgewater, 187 W. Canton St.
PICKERT, LEO WALTER,			-		Roxbury, 10 Greenville St., R.
*Wadsworth, Mary Edna,				34	Chelsea, Chelsea.
*WILLEY, NETTIE MORTON,	* :		4	2	Roxbury, 1 Bower Park, R.

COURSE VI. - Electrical Engineering.

*Abbot, John Cameron, .		14		Westford,	116		Westford.
ABBOTT, FREDERIC BASSETT,		1	14	Lynn,			21 St. James Ave.
ALLEN, CHARLES VERNON, .	1000		2.4	Holliston,		7.	110 Chandler St.
Allen, Orren,				Denver, Col., .			U. S. Hotel.

COURSE VI .- Continued.

Name.	Home.	Residence.
Andrews, Edmund Lathrop,	Chicago, Ill.,	220 W. Chester Park.
BARTON, HOWARD RITTENHOUSE,	Englewood, N. J., .	70 Trinity Terrace.
*Berry, Hereford,	No. Andover,	No. Andover.
BLOOD, GROSVENOR TARBELL,	Newburyport,	Newburyport.
Brown, John Clifford,	Portland, Me.,	70 Trinity Terrace.
BROWN, WALTER VAIL,	Oldtown, Me.,	60 Clarendon St.
BUCHANAN, LEONARD BROWN,	Woburn,	Woburn.
BUCK, ARTHUR AUGUSTINE,	Bucksport, Me.,	Chelsea.
CALLAHAN, DENNIS EDWARD,	Boston,	329 Federal St.
*Chapman, Thomas Irvin,	Brookline,	Brookline.
CODMAN, JOHN STURGIS, A. B.,	Boston,	57 Marlboro' St.
CUTLER, WILLIAM WORCESTER,	Waltham,	Waltham.
DATES, HENRY BALDWIN,	New Britain, Conn., .	5 Concord Sq.
DAVIS, ALBERT GOULD,	Middlesborough, Ky.,	19 St James Ave.
DENSMORE, EDWARD DANA,	Somerville,	Somerville,
DIXON, LAWRENCE BELMONT,	Chicago, Ill.,	22 Union Park.
*Doe, Haven,	Salmon Falls, N. H.,	303 Columbus Ave.
DOLAN, PETER FRANCIS,	East Boston,	185 Chelsea St., E. B.
*Ellis, John,	Woonsocket, R. I.,	48 Union Park.
FARWELL, ARTHUR GEORGE,	St. Paul, Minn.,	3 Union Park.
HADLEY, FREDERICK WALTER,	Arlington Heights, .	Arlington Heights.
HANCHETT, GEORGE TILDEN,	Hyde Park,	Hyde Park.
*Hopewell, Charles Frederick,	Cambridgeport,	Cambridgeport.
*Iglesias, Eugenio Tomas,	San Juan, Porto Rico,	27 Union Park.
*Kato, Godfrey Enziro,	Kyoto, Japan,	208 W. Chester Park.
KENDALL, FAY BRIGHAM,	Roxbury,	40 Codman Park, R.
*Kimball, Henry Raymond,	Lowell,	Lowell.
*King, Warren Dudley,	Peabody,	Peabody.
*Lamb, William Franklin,	Roxbury,	23 Waumbeck St., R.
LATEY, HARRY NELSON,	St. Louis, Mo.,	4 Oxford Terrace.
LEWIS, HERBERT, B. A.,	Haverhill,	Haverbill.
LORD, FREDERIC WAIT,	Boston,	8 Mt. Vernon St.
Maki, Heiichiro,	Tokyo, Japan,	52 Union Park.
Morss, Henry Adams,	Boston,	323 Marlboro St.
Noblit, Joseph Curtis,	Ogontz, Pa.,	33 Yarmouth St.
NORTON, CHARLES LADD,	Springfield,	II Milford St.
Page, Edward, Jr.,	Newtonville,	Newtonville.
*Peck, Walter Toucey,	Boston,	Hotel Argyle.
Pevear, Arthur Stetson,	Cambridgeport,	Cambridgeport,
REED, JAMES HENRY, JR.,	Boston,	3 Gloucester St.
*Resor, William Seth,	Cincinnati, Ohio,	84 Pinckney St.
SOLOMON, JOHN ISAAC,	New York, N. Y., .	142 St. Botolph St.
STOWE, LOVELL BAKER,	Caryville,	13 Warren Ave.

COURSE VI .- Continued.

Name.		Home.		Residence.
STUDLEY, FRED BUTLER,		Rockland,		Rockland.
SUTTER, FREDERICK CHARLES, .		Detroit, Mich., .		26 Cumberland St.
TAINTOR, CHARLES,		Keene, N. H.,		Pond St., J. P.
TENNEY, WINTHROP PARKER,		Dorchester,		Pleasant St., D.
THOMAS, ALFRED CLARENCE,	1 0	Cincinnati, Ohio, .		69 Pinckney St.
THOMAS, PERCY HOLBROOK,		Wayland,		Wayland,
TRIPP, CHARLES ALBION,		Hudson,		44 Clarendon St.
*VINING, LOUIS BRADFORD,		So. Weymouth, .		So. Weymouth.
VORCE, WALTER HERBERT,		Farmington, Conn.,		220 W. Chester Park.
WILDER, PARKER HASTINGS,		Cincinnati, Ohio, .		8t Charles St.
*Wason, Rigby,		Girvan, Scotland, .		112 Dartmouth St.
*WHISTON, WILLIAM CORTELYON,		Newtonville,	0	Newtonville.
WHITAKER, SAMUEL EDGAR, A. B.,		Lynn,		Lynn.
Woodbridge, Jonathan Edwards,		Duluth, Minn., .	٠	56 Clarendon St.

COURSE VII .- Miology.

*CARTER, MARION HAMILTON, .	14.	4	Philadelphia, Pa., .	95	112 Charles St.
*Shurtleff, Arthur Webster, .		-	Lewiston, Me., .		
Wadsworth, Augustus Baldwin,			Plainfield, N. J., .		22 St. James Ave.

COURSE VIII .- Physics.

Note.—There are no students of this course in the Junior class

COURSE IX .- General Studies.

Boss, Charles Royce,			New London, Conn.,	238 Huntington Ave.
DEARBORN, GEORGE KNIGHT,		4 1	Dorchester,	6 Louisburg Sq.
FABYAN, FRANCIS WRIGHT,	600		Boston,	36 Beacon St.
NORTON, FRANCIS COBB, .			Rockland, Me.,	152 W. Newton St.
SMITH, ARTHUR BLAKELEY,			Providence, R. I., .	249 Berkeley St.
WALLIS, ROBERT NORCROSS,		6. 2	Fitchburg,	134 St Botoiph St.

COURSE X .- Chemical Engineering.

CARTER, WILLIAM WOOD,				Boston,	110 Dartmouth St.
CLAPP, HARRY LINCOLN,				South Boston,	18 Atlantic St., S. B.
Cook, Charles Nourse,					41 Mt. Vernon St.
DANA, GEORGE FRINK,			1	Cincinnati, Ohio,	129 St. Botolph St.
DORMAN, THEODORE TAYLOR, .				Up. Montclair, N. J.,	to St. James Ave.
FOWLE, ARTHUR EDWIN,	Ŷ,			Newton Centre,	Newton Centre.
*HINCKLEY, JOHN FRED,		Ģ.		Marlboro',	76 Chandler St.
*MERRILL, FRANK HENRY,	801	i.		Newburyport, 8	87 Warren Ave.
*Moulton, Albert Sweetser,		9	1.4	Lynn,	Lynn.
RICE, HARRY LAWSON,				Lawrence,	129 Dartmouth St.

COURSE XI .- Sanitary Engineering.

Note.—There are no students of this course in the Junior class.

COURSE XII. - Geology.

Name.				Home.			Residence.
BALLARD, HETTY ORRILLA,	4.1	4.5		Roslindale, .	63	4.	Roslindale.
NICHOLS, HENRY WINDSOR,				Cohasset, .		1	44 Upton St.



Sophomore Class.

COURSE I .- Civil Engineering.

Name.	Home.	Residence.
AMES, AZEL, 3D,	Chelsea,	Chelsea.
Bowles, Charles Wilson,	Ponkapog,	Ponkapog.
CHICKERING, ARTHUR PERCY,	No. Andover Depot, .	No. Andover Depot.
CLARKE FRED HAMILTON,	Jamestown, R. I., .	132 Huntington Ave.
COOLIDGE, PRESCOTT HILTON,	So. Framingham,	So. Framingham.
COPELAND, HENRY FILLMORE,	Brooklyn, N. V.,	23 Batavia St.
CRARY, HORACE ALLEN,	Sheffield, Pa.,	314 W. Chester Pk.
*Denson, Hugh Cowan, B. C. E.,	Gadsden, Ala.,	144 W. Newton St.
DUMARESQ, PHILIP,	Brookline,	Brookline.
*Ferguson, John Neil.,	Readville,	Readville.
HASTINGS, HARRY PAYSON,	So. Framingham,	So. Framingham
*HAZELTON, ISAAC BREWSTER,	Wellesley Hills,	Wellesley Hills.
*HOLLISTER, JOHN JAMES,	Santa Barbara, Cal., .	58 Chester Sq.
HORTON, THEODORE,	San Diego, Cal.,	73 Pinckney St.
*HOWLAND, FRANK SEAMAN,	Athens, N. Y.,	6 Berwick Park.
HUNT, EDWARD MARSHALL,	Portland, Me.,	12 Falcon St., E B.
HUNT, ALBERT FRANCIS, JR.,	Newburyport,	34 Dartmouth St.
JANVRIN, NED HERBERT,	Lexington,	Lexington.
JANVRIN, WALTER ADAMS,	Revere,	Revere.
*JOHNSON HENRY HERBERT,	Lawrence, Kans,	Dedham.
*Lanigan, James Francis,	Lawrence,	Lawrence.
LEONARD, FREDERICK MEEHAN,	Jamaica Plain,	165 Green St., J. P.
MAXWELL, FRANK FLAGG,	Fernandina, Fla.,	18 Claremont Pk.
McKibben, Frank Pape,	Van Buren, Ark.,	Hot'l Gordon, Cortez St.
MEADE, CHARLES ARTHUR,	Millerton, N. Y.,	6 Berwick Pk.
NICHOLS, WALTER BANCROFT,	Reading,	Reading.
*Osgood, Charles Gerrish,	Belmont,	Belmont.
*PARMELEE, CHARLES LESTER,	Toledo, Ohio,	Melrose Highlands.
*Perry, Philip Edward,	Jamaica Plain,	10 Gordon St., J. P.
POLLOCK, CLARENCE DUBOIS,	Washington, D. C., .	154 Warren Ave.
*Stearns, Fred Lincoln,		So. Framingham.
TABER, GEORGE AYMAR,		Montrose.
THOMSON, SAMUEL FORSYTHE,		Salem.
THORNDIKE, STURGIS HOOPER, A. B., .	Cambridge,	Cambridge.
	is a lateral	- Anna

COURSE I .- Continued.

Name,			Home.		Residence.
TIDD, ARTHUR WARREN,	1		No. Woburn, .		No. Woburn.
*WHEELER, MILTON MERRICK,		4	Winona, Minn.,		305 Chestnut Ave., J. P.
Wheeler, Robert Charles, .			Temple, N. H.,		11 Harwich St.

COURSE II .- Mechanical Engineering.

*ABBOTT, FREDERICK BANCROFT,		144 W. Newton St.
*Bailey, Roland,	Kingston,	108 Appleton St.
BAKER, FRED CHARLES,	Waltham,	Waltham.
*Beardsell, George Richardson, Jr.,		Lynn.
BREED, STEPHEN LOVEJOY,	Lynn,	21 St. James Ave.
*Case, Winthrop Tracy,	Canton Centre, Conn.,	385 Columbus Ave.
CHACE, MASON SMITH,	Dorchester,	31 Wales St., D.
CHAPMAN, JOHN WINSLOW, JR.,	**	65 Chandler St.
CHAPMAN, NATHAN COLEMAN,	77	65 Chandler St.
CHENEY, NATHAN,	The state of the s	136 Chandler St.
CLARK, WILLIAM LEWIS,	4 11	Arlington.
*Cook, Frank Remick,	Detroit, Mich.,	Woburn.
COUSINS, STERLING GREEN,	Fortuna, Cal.,	156 Warren Ave.
*CUTTER, LEONARD TAYLOR,	44 4 44	293 Columbus Ave.
DAVIES, THEOPHILUS CLIVE,	0 4 4 7 7 1 4	27 St. James Ave.
Dejonge, Alfred Lewis,	Co. 1 . NY NY	73 Cedar St., R.
*Doughty, Stewart B.,	F1 1 1 37 7	192 Dartmouth St.
*EATON, EVERETT LAWRENCE,		Needham.
GILKEY, ROYAL WALDO,	Watertown,	Watertown.
HAVEN, GEORGE BARTHOLOMEW,	Sangerfield, N. Y., .	162 W. Springfield St.
HOYT, CHARLES HENRY,		Lynn.
HUBBARD, CHARLES BELA,		162 W. Springfield St.
*Hungerford, Jarvis Warren,		55 Warren Ave.
*Jenckes, Earl Stanton,	494	16 Upton St.
JENNEY, WARREN,	Brookline,	Brookline.
*Jenson, Joseph,	St. Charles, Idaho, .	Cambridge.
KIRK, ROBERT HORNER,	St. Paul. Minn.,	19 Union Park.
KITTREDGE, JOHN WOODMAN,	Alnwick, Col.,	8 Brookline Ave.
LACOUNT, HENRY OSGOOD,	West Somerville,	West Somerville.
LEIPER, GEORGE NEVILLE,	Philadelphia, Pa.,	298 Columbus Ave.
*MARVELL, EDWARD IRA,	FT 11 FD 1	47 Rutland Sq.
*MAVERICK, SAMUEL AUGUSTUS,	San Antonio, Tex., .	96 Berkeley St.
*Melluish, James George,	737 7 7 711	12 St. James Ave.
*Moody, Arthur Monroe,	37 3	Newburyport.
*Moulton, Raymond Edward,	D. J. P.	384 Boylston St.
Mower, George Lane,	Lynn,	Lynn.
OWEN, GEORGE, 3D,	Barrington Cent., R.I.,	3 Oxford Terrace.
PACKARD, AMBROSE,	Bayonne, N. J.,	216 W. Canton St.
	nifies Special Student.	

Course II .- Continued.

		OR	OE .	ii.—Comunueu.	
*Der	Name.			Home.	Residence.
	CHIN, JOHN SHELLEY,				
	T, WILLIAM CREIGHTON, .				
	NNEY, FRANK FERGUSON, .				
	vedo, Narciso Tadeo, .				
	NDALL, EDWARD BRYANT,				
REEL	o, Samuel Gordon,		-		
	IARDS, DANIEL WEBSTER, JR.				
	tards, Thomas Gleason,				
	EY, HENRY FRANCIS,				Hingham Centre.
Robi	BINS, FRANKLIN HENRY, .				
	, Donald William, Jr., .			Montreal, Can.,	
	DICK, JESSE HICKS,			Boston,	. 195 Huntington Ave.
	SSEL, HARRY BROWNING,			Brockton,	Brockton.
	DERSON, NATHAN HERBERT,			Waltham,	. Waltham.
	GENT, CHARLES GRANDISON,			Graniteville,	Graniteville.
	GE, SILAS ANTHONY,			Chelsea,	
	THER, JOHN KERFOOT, .			Fredericksburg, Va , .	. 17 St. James Ave.
*SPA	LDING, WILLARD FLOYD,			Lynn,	Lynn.
SPER	RY, AUSTIN			San Francisco, Cal., .	. 148 Chandler St.
	RBIRD, HARRY COOLIDGE,			Malden,	. Malden.
	K, WILLIAM BOTELER, .				
SWA	NTON, HENRY AIKEN,		0 WO	Gardiner, Me.,	. Chelsea.
	RBOX, JOHN WATSON,			Nashville, Tenn.,	20 W. Cedar St.
	lor, George,			Brookline,	Brookline.
	LOR, WILLIAM BELLAMY, .			Brookline,	. Brookline.
TEN	NEY, ALBERT BALL,			Everett,	. Everett.
TUF	rs, Leonard,			Medford,	Medford.
*WA	ITE. EDWARD BROUGHTON,			West Newton,	. West Newton.
	ILDON, WILLIAM MAXWELL,				425 Beacon St.
	ITE, HARRY CLINTON,				. Melrose.
*WH	ITON, CHAUNCEY GILBERT,			Hingham Centre,	. Hingham Centre.
Woo	D, KENNETH FOSTER,			Pawtucket, R. I.,	Central Falls, R. I.
WRI	GHTINGTON, CHARLES NELSON		9 20	Brookline,	. Brookline.
	RG, HENRY,				

*Bonesteele, P. Frank,			Boston,		39 Falmouth St.
JOHNSON, WILLIAM ARTHUR, .					
*Locke, John Calvin,	30	80	Lockeford, Cal	10	298 Columbus Ave.
MACKAY, ANGUS ROBERT,					
SCHIERTZ, FERDINAND ALFRED,			Auburndale,		Auburndale.
THROPP, JOSEPH EARLSTON, JR.,		*	Philadelphia, Pa., .		327 Columbus Ave.

COURSE IV .- Erchitecture.

Name.	Home, Residence,
*AIKEN, JOHN,	Norwich, Conn., 66 St. James Ave.
*BALCH, FRANCIS DU PONT,	Baltimore, Md., 46 Clarendon St.
*BARTLETT, HERBERT WARREN,	No. Weymouth, No. Weymouth.
BLISS, WALTER DANFORTH,	Carson City, Nev., . 58 Chester Sq.
*Bradley, Arthur Willson Jr.,	Newport, Ky 78 Montgomery St.
*BUMSTEAD, BARTON DALE,	Colorado Springs, Col., 228 W. Canton St.
*BULLARD, MARY BEAN,	Portland, Me., 36 Hollis St.
*BUTTIMER, JOHN HENRY,	Hingham, Hingham.
Chaffee, Dudley Chase,	
*CLAPP, JOHN COTTON, JR,	
*Davis, Herbert E.,	So. Boston, 729 E. 4th St., S. B.
Davis, HERBERT E.,	Newark, N. J., 664 Tremont St.
Davis, William E.,	Chicago, Ill., 58 Chester Sq.
Dickey, Charles William,	Haiku Mani, H. I., . 58 Chester Sq.
Douglas, Walter George,	New York, N. Y., . 296 Columbus Ave.
*EDWARDS, HENRY EMMER,	Washington, C.H., Ohio, 53 Dudley St., R.
*Friz, Clyde Nelson,	St. Louis, Mo., 38 Union Park.
GARDNER, HARRY WENTWORTH,	Jamaica Plain, Weldon St., J. P.
GILBERT, PERLEY FRED,	Andover, Andover.
HARRISON, BURT SYLVANUS,	La Crosse, Wis., 87 Myrtle St.
HICKEY, WILLIAM JAMES,	Boston, 50 W. Cedar St.
*HOLDEN, BEN EDWIN,	Aurora, Ill., 86 Mt. Vernon St.
*HOLDEN, FRANK HOWELL,	Aurora, Ill., 86 Mt. Vernon St.
*HOLT, ARTHUR CLARK, A B.,	Somerville, Somerville.
*Hubby, Rollin Germain,	Cleveland, Ohio, 202 Dartmouth St.
*KLIPSTEIN, ERNEST CARL,	St. Louis, Mo., 224 W. Canton St.
KNAPP, CHARLES REAY,	Louisville, Ky., 220 W. Chester Park.
*Kramer, Emma Viola,	Roxbury, II Hazelwood St., R.
*LEEDS, EDMUND INGERSOLL,	Newton, Newton.
*Levi, Louis,	Baltimore, Md , 17 Garrison St.
*Lorch, Emil.,	Detroit, Mich., 13 Union Park.
*Lotz, Arthur Charles,	Chicago, Ill., 216 W. Springfield St.
MacClure, Colbert Anderson,	Delphi, Ind., 18 Claremont St.
MAHONY, MARION LUCY,	Chicago, Ill., Cambridge.
*Marr, Thomas Scott, Jr., S. B.,	Nashville, Tenn., 20 W. Cedar St.
McGoodwin, Henry Kerr, B. S.,	Bowling Green, Ky., . 482 Columbus Ave.
*Merrill, George Earnest,	St. Paul, Minn., Newton Centre.
*Meserve, Richard Earle,	Dover, N. H., 58 Chester Sq.
*Mott-Smith, Harold Meade,	Boston, 101 Newbury St.
*MURKLAND, FRANK HATCH,	New Bedford, 56 Clarendon St.
Newhouse, Henry Leopold,	Chicago, Ill., 7 Holyoke St.
*Parker, Winthrop Dana,	Reading, Reading.
*SMITH, HENRY,	Newton Centre, . Newton Centre.
*THOMAS, WILLIAM BACON,	Stockton, Cal., 34 Yarmouth St.
Stor (*) signi	fies Special Student

COURSE IV .- Continued.

Name,		Home.	7.6		Residence.
*TURNER, ALFRED COPELAND, .	3	Cambridge, .	100	4	Cambridge.
*WHITNEY, HARRY HAYDEN,		Brookline, .			Brookline.
*ZIMMERMAN, ALBERT G.,		Peru, Ill.,			224 W. Canton St.

COURSE V .- Chemistry.

BATES, HARRY REYBURN, Washington, D. C., .	154 Warren Ave.
BEACH, IRVING EVERETT, Lawrence,	134 Huntington Ave.
CLAFLIN, ALAN AVERY, Quincy,	12 Chester Park.
DUCKWORTH, HARRY STAFFORD, Lowell,	Lowell.
*HASKELL, PRESTON HAMPTON, Columbia, S. C.,	84 Charles St.
MOORE, LESLIE ROGERS, Newton,	Newton.
*NISBET, JOHN LORD A. C., Savannah, Ga.,	150 Huntington Ave.
PHELAN, JOSEPH WARREN, East Boston,	63 Lexington St., E.B.
PIPER, WALTER ELBRIDGE, Hyde Park,	Hyde Park.
PRESCOTT, SAMUEL CATE, South Hampton, N. H.,	Cambridgeport.
PROCTOR, RICHARD WARREN, Billerica,	Billerica.
SCOTT, WALTER OSGOOD, Providence, R. I., .	325 Columbus Ave.
*ZENTGRAF, OTTO LOUIS, Stapleton, N. Y.,	73 Cedar St., R.

COURSE VI.—Electrical Engineering.

*Armstrong, Herbert,			Detroit, Mich., 26 Cumberland	št.
*Batson, Walter Vennard,			Allston, 9 Pomeroy St., A	
*Bean, Norwin Sherwood,			- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
BENEDICT, VALLETTE LYMAN,				Ave.
BIGELOW, FREDERICK SOUTHGATE,			Boston, 334 Shawmut Av	ve.
BLAKE, SAMUEL HENRY,			Chicago, Ill., 212 Columbus A	ve.
BOVEY, WILLIAM HOWARD,			Minneapolis, Minn., . 22 Union Park.	
*BURCKHARDT, HORATIO WOLCOTT			Cincinnati, Ohio, 89 Charles St.	
*CLARK, ANTHONY HENRY,			Cedar Rapids, Iowa, . 212 Columbus A	ve
CLARKE, EDWARD DUTTON,			Buffalo, N. Y., 6 Louisburg Sq.	
CUTLER, CHARLES HENRY,			South Framingham, . So. Framingham	lie .
DALTON, NELSON WAIT,			Sandy Hill, N. Y., . Lynn.	
*Dana, Leslie,				
DRAKE, ALBERT WESLEY,				
FARNSWORTH, ARTHUR JAY,	6.4	0.00	Minneapolis, Minn., . 56 Worcester St.	
*Gough, John Bernard,				
GREENLEAF, LEWIS STONE,			Lenox, 6 Louisburg Sq.	
HARDWICK, ROSE STANDISH, A. B.			Lempster, N. H., 17 Upton St.	
HARRING, GEORGE WILLIAM,		STR.		R.
HARWOOD, FREDERICK WILLIAM,]	JR.		그는 보다 가는 것이 되었다. 얼마나 아이들은 그는 사람들이 가는 사람들이 그렇게 되었다. 그리고 있다고 있다.	
*HILL, WILLIAM GILBERT, JR.,			그 마다 그 시간하면 하시기 하는데 하는데 하는데 하지 않는데 하는데 그리고 그렇게 하지 않는데 없어 하다 하는데 다른데 다른데 다른데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는	
Howes, Clifton Armstrong,				
*Hughes, Edward Seneca,				١

Course VI .- Continued.

Name. Johnson. Herbert Edward,	Home. Oberlin, Ohio, Needham, Peoria, Ill., Kobe, Japan, . New Orleans, La., Boston, Jamaica Plain, Cincinnati, Ohio,	Residence. 200 Columbus Ave. Needham. 115 Dartmouth St. Newton Highlands. 17 Yarmouth St. 153 Worcester St. 47 Holbrook St., J. P. 301 Shawmut Ave.
MEAD, JAMES MERLIN	Chicago, Ill.,	Newton Centre. West Somerville. 58 Chester Square. Hotel Gordon. Reading. Waltham.
*Prescott, Alice Beardslee, Prindle, Harry A., Proudfoot, Ernest E., Keed, Walter Wilson, Reynolds, Howard Sidney, *Robeson, Anthony Maurice, Rogers, Arthur Silas, *Shepard, Arthur Bishop, *Story, John Patten, Jr., *Thayer, Ellis Cheney, B. S. C., VanTuyl, Thomas Walter, Varney, Theodore, Warren, Harry Ellis, Wilson, Winslow Abbott,	Jamaica Plain, Charlestown,	123 Pond St., J. P. Navy Yard, Charlesto'n. West Roxbury. Waltham. Randolph. 5 Concord Sq. Salem. 70 Trinity Terrace. 6 Louisburg Sq. 2440 Washington St. 331 Columbus Ave. Watertown Arsenal. Newton Centre. 72 Magnolia St., D.
COURSE	VII.— Biology.	
*Crocker, Harry Clinton, B. A., *DeNormandie, Sarah Yardly, Laighton, Florence Marian, Nagle, George Henry, Noyes, Edmund Horatio, Sayward, William Henry, Jr.,	Brockton,	Brockton. 120 Malboro' St. 63 Worcester St. 13 Cortes St. Arlington. 69 Monadnock St., D.
COURSE	VIII.—Physics.	
FOWLE, FREDERICK EUGENE, JR GALLUP, HATTIE TOOKER,	Arlington, Ledyard, Conn., Roxbury, Winchester, Bridgewater,	232 W. Canton Şt. Hotel Adelphi, R. Winchester.

COURSE IX .- General Studies.

Name.			Home.		Residence.
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- 1000 HERBERGERE HERBERGERE HERBERGERE HERBERGERE	Brookline,	. Brookline.
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HOWARD, LEMUEL FREDERIC,		. I Acton St.
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그 그리고 하다 되었다. 이 경영 경우 그리고 있다면 하는데 하는데 되었다면 하는데	4944	. 156 Newbury St.
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Miles and Discours Manager				Concord	Concord.
WHITAKER, LUIS GUILHERME D'				Saō Paulo, Brazil,	94 Huntington Ave.
*WHITE, HARLUS BOYDEN, .				Taunton,	Taunton.
WHITNEY, RICHARD,				Dorchester,	40 Wales St., D.
WHITTIER, LOUIS FELIX,				Bethel, Vt.,	399 Columbus Ave.
WHORF, HARRY CHURCH,				Winthrop,	Winthrop.
WIGGIN, THOMAS HOLLIS,			3	** **	Malden.
WILLIAMS, CHARLES GOODNOW,					126 Berkeley St.
HILLIAMS, CHARLES GOODNOW,				Norwalk, Ollo,	120 Derkeley St.

Name.	Home.	Residence.
WILLIAMS, ROGER JAMES,	. Canton,	Canton.
WILLIAMS, WALTER SCOTT,		Dedham.
*WILLS. WILLIAM HERBERT,	. Waltham,	Waltham.
WINKLEY, WILLIAM HENRY,	. W. Medford,	W. Medford.
WINSLOW, ANDREW NICKERSON,	. Boston,	264 Newbury St.
Winslow, George Robbins,	. Somerville,	Somerville,
WITHERSPOON, W. CONNER,	. St. Louis, Mo.,	21 St. James Ave.
WITHINGTON, PHILIP HERBERT,	. Jackson, Mich.,	153 Huntington Ave.
WOLFE, JOHN J. COLVIN,	. Coeymans, N. V., .	126 Berkeley St.
*WOOD, FLORENCE ANNA,	. Roxbury,	9 Bainbridge St., R.
Woods, Frederick Adams,	Brookline,	Brookline.
*WRAY, CHARLES FREDENBERG,	. Rochester, N. Y.,	31 W. Chester Sq.
YODER, LUTHER KELLER,	. Reading, Pa.,	5 Oxford Terrace.
ZAPF, ALFRED EDWARD,	. Freeport, Ill.,	301 Shawmut Ave.



Lowell School of Practical Design.

Name.	Home.	Residence.
BASSETT, SARA WARE,	Newton,	
BATTAGLIA, JOSEPHINE,	Roxbury,	O O 10
BATTLES, FRANK ELBRIDGE,	Fitchburg,	
BEMENT, FRANK,	Worcester,	
Besse, Ada Viola,	Lynn,	
	Norwood,	
BIRD, JOHN ELLIS,		
BIRD, MABEL REBECCA,	Dorchester, Boston,	
	Taunton,	. 37 West Newton St.
Brown, Sereno Henry,	Woburn,	. Woburn.
Buss, Charles Holmes, Jr		-
COBURN, LILLIAN SUSAN,	Tyngsborough,	
COLE, ISABEL NEWEL,	TO TO THE TOTAL CO.	
COVELL, GEORGE,	Fitchburg,	
CROWLEY, ELIZABETH CELIA,	Winchester,	
DOWNEY, FRANK JOSEPH,	Roxbury,	. 74 Westminster St , R.
DUPLAIN, LAWRENCE J.,	Jamaica Plain,	. Custer Street, J. R.
Edwards, William Joseph,	Boston,	. 43 Falmouth St.
Evans, Carrie Hurd,	Boston,	. 82 Montgomery St.
FAIRBANKS, FRANK PERLEY,	Roxbury,	. 7 Stanmore Place, R.
FERRY, GRACE ELIZABETH,	Milton,	. Milton.
FOLLANSBEE, CATHERINE MOULTRICE, .	Gloucester,	. Gloucester.
Forbes, Alice Belle,	Roxbury,	. 54 School St., R.
FRASER, EDNA ANNE,	Jamaica Plain,	. 86 Wyman St., J. P.
FRICK, EMILE CHARLES,	Boston,	. 31 Lawrence Street.
GILSON, HOWARD AUGUSTUS,	Somerville,	. Somerville.
GLOVER, ALEXANDER,	Dorchester,	. Highland St., D.
GLOVER, JOHN LORING, JR.,	Charlestown,	. 51 Elm St., C.
GRANT, WILLIAM TISDALE,	Taunton,	. Taunton.
GRAY, HENRIETTA,	Boston,	. 33 Northfield St.
HADLEY, JENNIE,	Cambridge,	. Cambridge.
HALL, HENRY FLETCHER	Cambridge,	. Cambridge.
HARRY, EMILY ANNIE,	Mattapan,	. 47 Norfolk St., M.
HATCH, MABEL JOSEPHINE,	Weymouth Heights,	. Weymouth Heights.
HONEY, LIZZIE EDNA,	Brookline,	. Brookline,
KEOHAN, EDWARD,	Boston,	. 73 Emerald St.
LADD, ELIZABETH APPLETON,	Needham,	. Needham.
LA FERRE, RETTA,	Boston,	. 134 Huntington Ave.
LILLIE, ALBERT WEBSTER,	Chelsea,	
LILLIE, ALDERI HEDSIER,	Chemin, , , , ,	, oneicu,

Name.			Home,	Residence.
LINCOLN, BENJAMIN MORTON, .			Taunton,	Taunton.
LINCOLN, JAMES NICHOLAS,			Taunton,	Taunton.
LUCE, WILLIAM DARIUS,			Haverhill,	Haverhill.
MANNING, HELENE,			Cambridge,	Cambridge.
MEREDITH, CAROLINE A.,			Boston,	658 Tremont St.
MILLER, MARY DILL,			Dummerston, Vt.,	56 Clarendon St.
MILLER, ALICE MAUDE,			Hingham,	Hingham.
NEEDHAM, CARELE FOTHIER, .			Boston,	33 Wellington Street.
NICHOLS, EDWARD STANLEY, .			Charlestown,	20 Monument Court, C.
NOLEN, ELIZA MAY,			Roxbury,	19 Ball St., R.
OLSON, ANNE SMITH,			Hingham,	Hingham.
PARK, HARRY SEGERS,	4	10	Stockton Springs, Me.,	Waltham.
PARKER, ELLA ISABELLE,			South Boston,	770 Broadway, S. B.
PARKER, GEORGE PILLSBURY, .			Jamaica Plain,	16 Wyman St., J. P.
PAULL, FRANK ALLEN,	4	23	Taunton,	Taunton.
PIERCE, EDWARD SAYWARD,	+ 1		Roxbury,	19 Clifford St., R.
RICHARDSON, ANNABEL,		*	Andover,	Andover.
ROGERS, KATE LINCOLN,			Waimea Kanai, H. I.,	3 Brookline Ave., R.
ROWELL, WINIFRED,	*		St. Johnsbury, Vt., .	52 Berkeley St.
SARGENT, FREDERICK AMASA, .			Melrose,	Melrose.
SPYVEE, SAMUEL EDMUND FRANK	ζ,		Cambridge,	Cambridge.
STETSON, ADA FRANCES,	+		Charlestown,	55 High St., C.
STEVENS, MABEL,		-	Melrose,	Melrose.
TAPLIN, WILLIAM HENRY,			Somerville,	Somerville.
THOMPSON, ISABEL FRANCES, .	-		Lynn,	Lynn.
TWORT, MINNIE SARA,			Lynn,	Lynn.
WHITE, STANDISH GUNN,		4	Roxbury,	34 Highland St., R.
WIKSELL, JULIA THERSE,			Dorchester,	Grampian Way, D.
WILLIAMS, HERBERT DELAND, .	1		Newton Centre,	Newton Centre.



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Libraries.

General,	6 83 0		¥2. ¥	TOTAL NO. VOLUMES. 2,285
Engineering,				2,750*
Mining,				
Architectural,				800*
Chemical,				4,662
Biological,				
Physical,				2.990
Political Science,				
English		12.2	11.1	1,057
Geological,				
Margaret Cheney Room,				500*
Total,				
Total number Pamphlets exceeds				
Total number of Separate Periodicals received, excluding An	nuals, is		7.	329

^{*} Approximate number of volumes.

Sammary of the School of Industrial Science.

BY STATES.

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Thirty-eight States, one Territory, the District of Columbia, and seventeen Foreign Countries are represented.

Corps of Instructors,			4	0	¥	4	105	Graduate Students,					50	
Lecturers,	300	92	22			23	12	Women Students	14.5	1			26	

Sammary of the School of Industrial Science.

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Tabular Jummary of Graduates.

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T. G. F.—Total graduated from. S. F.—Still following. N. F.—Not following. Numbers for total number graduated in each year and course are correct; others are only approximate.



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Faculty,	36	1		20	,			4.5	1	43				-	30	4			8
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Lecturers for Current Year,	ű.									9					2				18
LETTERS FROM THE CLASSES:																			
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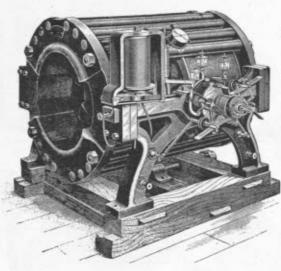


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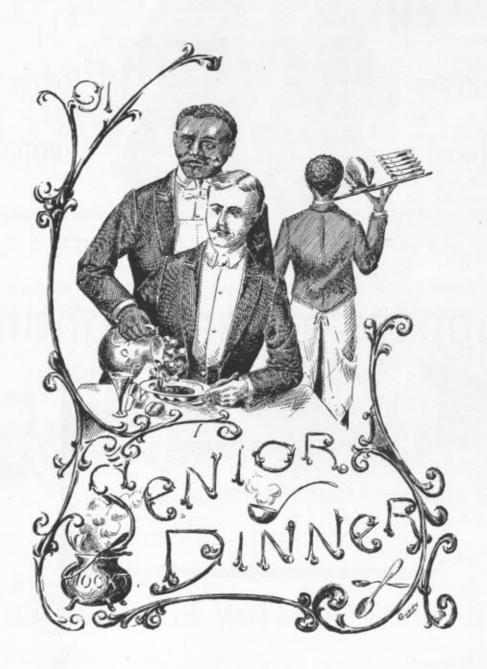
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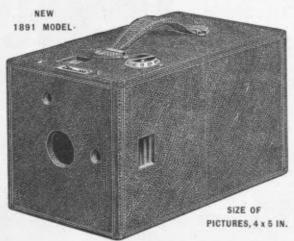


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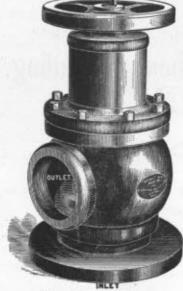
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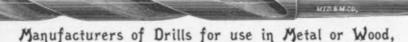
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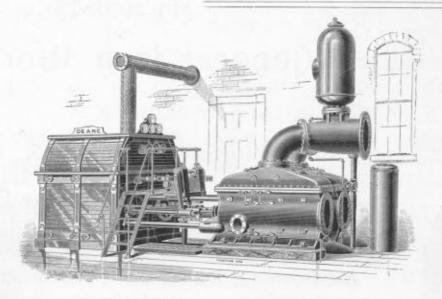


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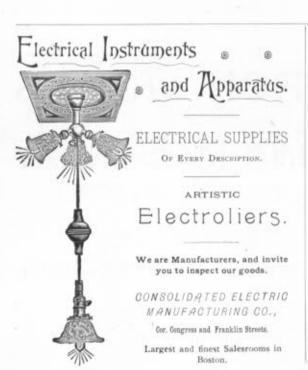
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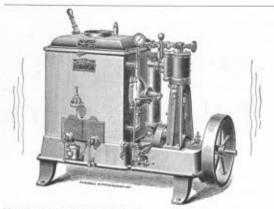
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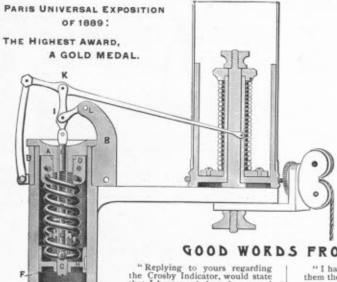
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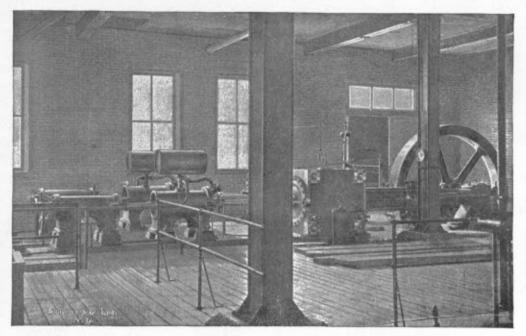
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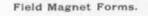
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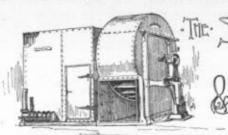
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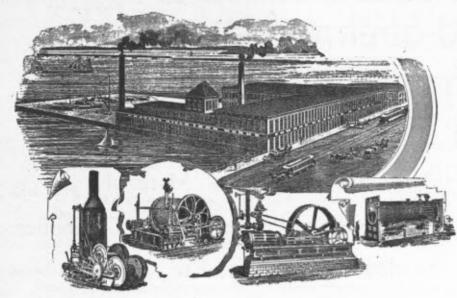
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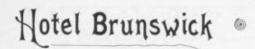
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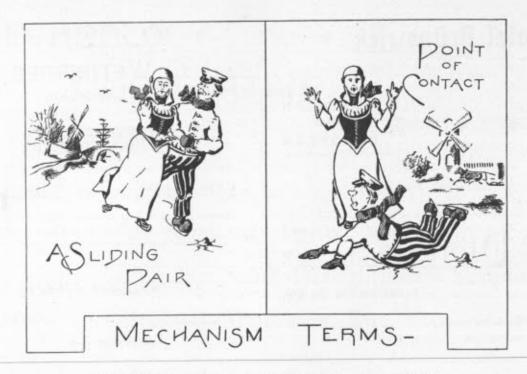
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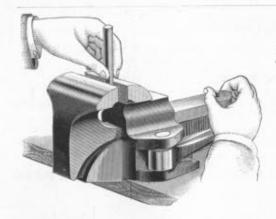
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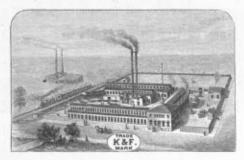
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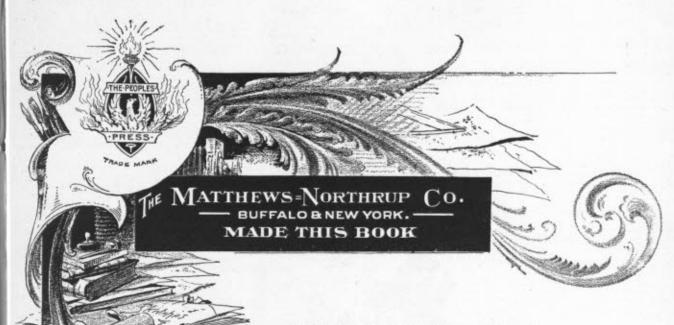
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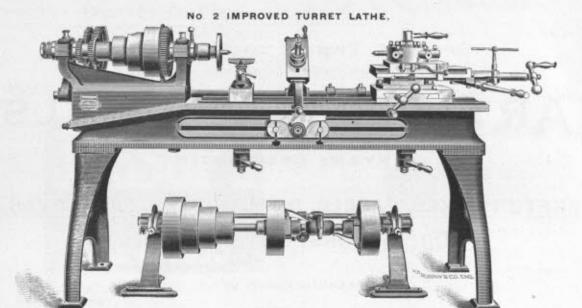
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